

Magnescale

SPEED X PRECISION

Price list April 2015

All prices are suggested retail prices in €/pcs excl. VAT.

Prices are subject of modification without prior notice.

We are not taking responsibility for mistake in writing.



Digital Measuring Equipment

Magnescale Europe GmbH

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DK805S Series

DK

DK805SAR/DK805SAR5
DK805SBR/DK805SBR5



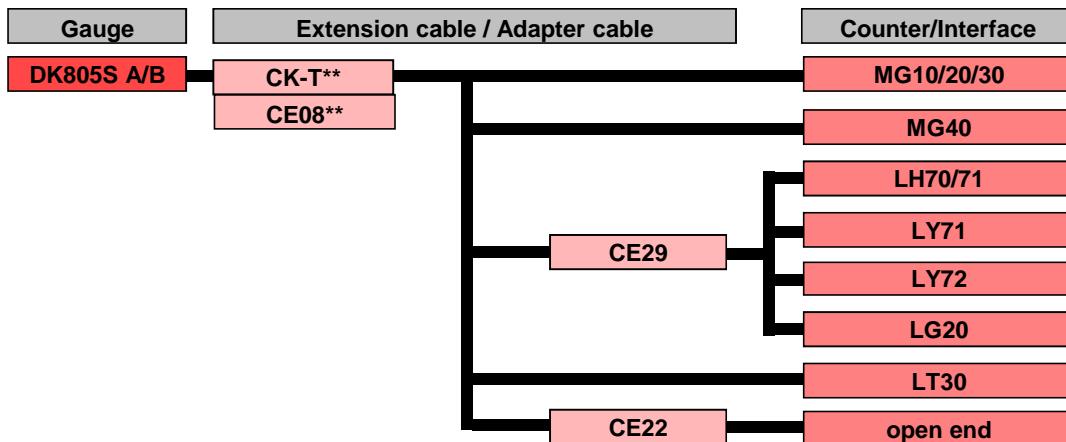
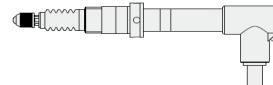
DK805SAFR/DK805SAFR5
DK805SBFR/DK805SBFR5



DK805SALR/DK805SALR5
DK805SBLR/DK805SBLR5



DK805SAFLR/DK805SAFLR5
DK805SBFLR/DK805SBFLR5



Resolution: 0,5µm Accuracy: 1,5µm p-p Max response speed 250m/min Measuring length: 5mm

Product code	Product	Model	SRP
97929790	DK805SAR5	Straight	692,00 €
97929792	DK805SALR5	Right angel	692,00 €
97929798	DK805SAFR5	Flange / Straight	786,00 €
97929800	DK805SAFLR5	Flange / Right angle	786,00 €

Resolution: 0,5µm Accuracy: 1,5µm p-p Max response speed 100m/min Measuring length: 5mm

Product code	Product	Model	SRP
97929794	DK805SBR5	Straight	628,00 €
97929796	DK805SBLR5	Right angel	628,00 €
97929802	DK805SBFR5	Flange / Straight	714,00 €
97929804	DK805SBFLR5	Flange / Right angle	714,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 80m/min Measuring length: 5mm

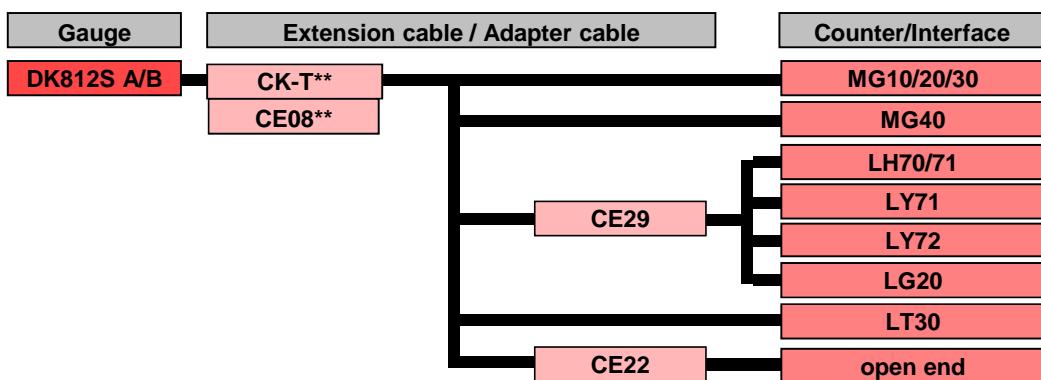
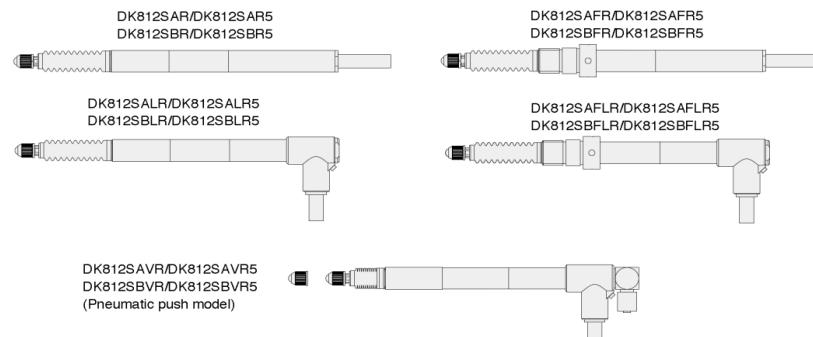
Product code	Product	Model	SRP
97929789	DK805SAR	Straight	896,00 €
97929791	DK805SALR	Right angel	896,00 €
97929797	DK805SAFR	Flange / Straight	957,00 €
97929799	DK805SAFLR	Flange / Right angle	957,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 42m/min Measuring length: 5mm

Product code	Product	Model	SRP
97929793	DK805SBR	Straight	813,00 €
97929795	DK805SBLR	Right angel	813,00 €
97929801	DK805SBFR	Flange / Straight	870,00 €
97929803	DK805SBFLR	Flange / Right angle	870,00 €

DK

DK812S Series



Resolution: 0,5µm Accuracy: 1,5µm p-p Max response speed 250m/min Measuring length: 12mm			SRP
Product code	Product	Model	SRP
97929806	DK812SAR5	Straight	731,00 €
97929808	DK812SALR5	Right angel	748,00 €
97929814	DK812SAFR5	Flange / Straight	824,00 €
97929816	DK812SAFLR5	Flange / Right angle	837,00 €
97929826	DK812SAVR5	Pneumatic push / Right angel	837,00 €

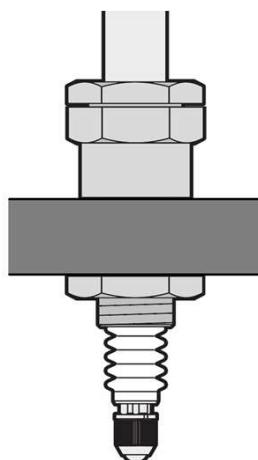
Resolution: 0,5µm Accuracy: 1,5µm p-p Max response speed 100m/min Measuring length: 12mm			SRP
Product code	Product	Model	SRP
97929810	DK812SBR5	Straight	654,00 €
97929812	DK812SBLR5	Right angel	671,00 €
97929818	DK812SBFR5	Flange / Straight	735,00 €
97929820	DK812SBFLR5	Flange / Right angle	747,00 €
97929828	DK812SBVR5	Pneumatic push / Right angel	747,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 80m/min Measuring length: 12mm			SRP
Product code	Product	Model	SRP
97929805	DK812SAR	Straight	932,00 €
97929807	DK812SALR	Right angel	952,00 €
97929813	DK812SAFR	Flange / Straight	989,00 €
97929815	DK812SAFLR	Flange / Right angle	1.004,00 €
97929825	DK812SAVR	Pneumatic push / Right angel	1.004,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 42m/min Measuring length: 12mm			SRP
Product code	Product	Model	SRP
97929809	DK812SBR	Straight	834,00 €
97929811	DK812SBLR	Right angel	851,00 €
97929817	DK812SBFR	Flange / Straight	885,00 €
97929819	DK812SBFLR	Flange / Right angle	898,00 €
97929827	DK812SBVR	Pneumatic push / Right angel	898,00 €

DK812S Series

DK



DZ812F

Option for DK812S

Product code	Product	Model	SRP
97929992	DZ812F	Flange adapter for DK812S	70,00 €

DK805S□R□
DK805S□LR□
DK805S□FR□
DK805S□FLR□
DK812S□R□
DK812S□LR□
DK812S□FR□
DK812S□FLR□
DK812S□VR□

Pulse width	Symbol
50ns(Standard)	A
100ns(Standard)	B
300ns	C
500ns	D
200ns	E

Resolution	Symbol
0.1 μm (Standard)	Blank
0.5 μm (Standard)	5
1 μm	10
2 μm	20
5 μm	50
10 μm	A, *2

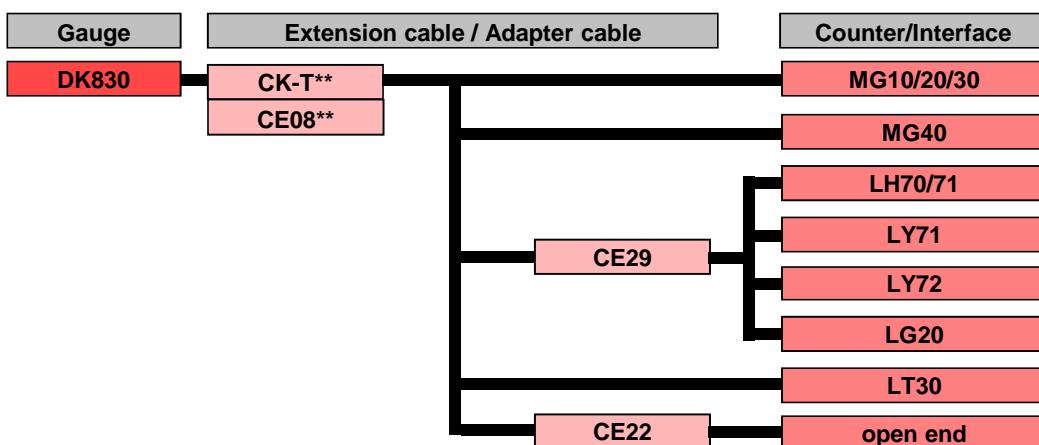
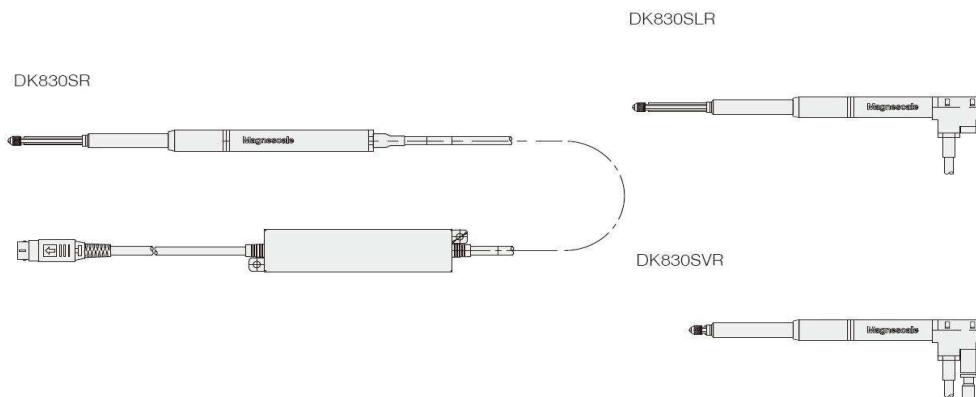
*Combination described below can be ordered.

		Max. response speed(m/min)				
A/B output signal frequency		5.0MHz	2.5MHz	1.25MHz	0.8MHz	0.5MHz
Min. phase difference of A/B signal		50ns	100ns	200ns	300ns	500ns
Resolution	0.1 μm	80(Standard)	42(Standard)			
	0.5 μm	250(standard)	100(Standard)	60	33	20
	1 μm		200	120	66	40
	2 μm			200		
	5 μm			250		
	10 μm			250, *2		

*2 The reference signal of 10μm model is not output.

DK

DK830S Series



Resolution: 0,1µm, Accuracy: 1,3µm/1,7µm p-p, Max response speed 80m/min, Phase difference: 50ns

Product code	Product	Model	SRP
97929744	DK830SR	Straight	1.210,00 €
97929745	DK830SLR	Right angel	1.300,00 €
97929746	DK830SVR	Pneumatic push / Right angel	1.395,00 €

Resolution: 0,1µm, Accuracy: 1,3µm/1,7µm p-p, Max response speed 100m/min, Phase difference: 100ns

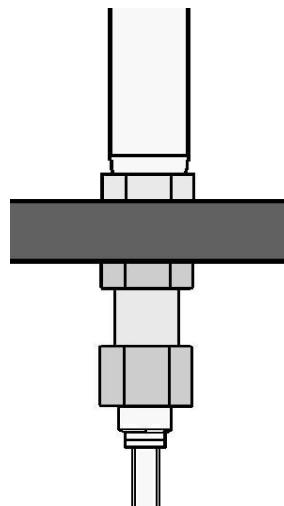
Product code	Product	Model	SRP
97951256	DK830SRB	Straight	1.210,00 €
97951252	DK830SLRB	Right angel	1.300,00 €
97951258	DK830SVRB	Pneumatic push / Right angel	1.395,00 €

Resolution: 0,5µm, Accuracy: 1,3µm/1,7µm p-p, Max response speed 100m/min, Phase differnce:100ns

Product code	Product	Model	SRP
97951255	DK830SRB05	Straight	1.050,00 €
97951253	DK830SLRB05	Right angel	1.135,00 €
97951259	DK830SVRB05	Pneumatic push / Right angel	1.215,00 €

Resolution: 1µm, Accuracy: 1,3µm/1,7µm p-p, Max response speed 200m/min, Phase differnce:100ns

Product code	Product	Model	SRP
97951257	DK830SRB10	Straight	1.050,00 €
97951254	DK830SLRB10	Right angel	1.135,00 €
97951260	DK830SVRB10	Pneumatic push / Right angel	1.215,00 €

Bellows

Flange for DK830S

Option for DK830S

Product code	Product	Model	SRP
97929747	DZ830BL	Bellow set for DK830SLR (to reach IP67)	84,00 €
97929748	DZ830BV	Bellow set for DK830SVR (to reach IP67)	84,00 €
97929749	DZ830F	Flange adapter for DK830S	109,00 €

DK830SR□□
DK830SLR□□
DK830SVR□□

Pulse width	Symbol
50ns(Standard)	Blank
100ns	B
300ns	C
500ns	D

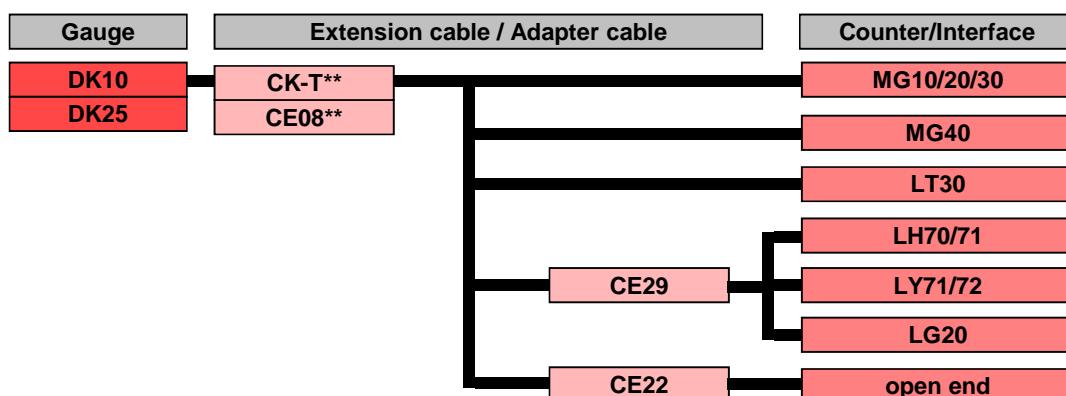
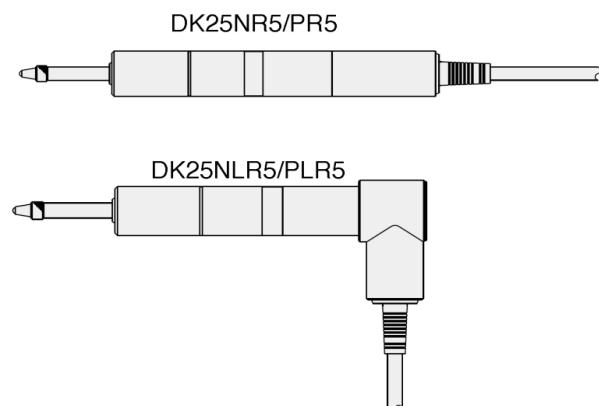
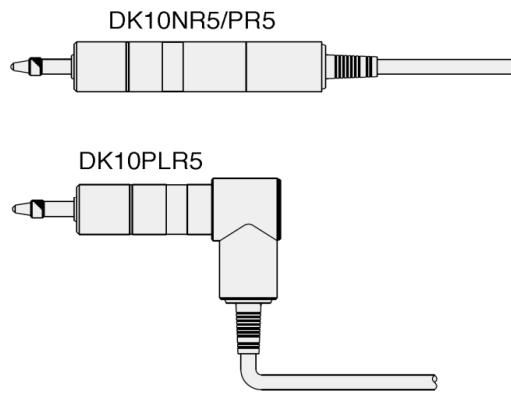
Resolution	Symbol
0.1µm(Standard)	Blank
0.5µm	05
1µm	10

*Combination described below can be ordered.

		Max. response speed (m/min)			
A/B output signal frequency		5.0MHz	2.5MHz	0.8MHz	0.5MHz
Min. phase difference of A/B signal		50ns	100ns	300ns	500ns
Resolution	0.1µm	80 (Standard)	42	14	
	0.5pm	250	100	33	
	1µm		200	66	40

DK

DK10/25 Series



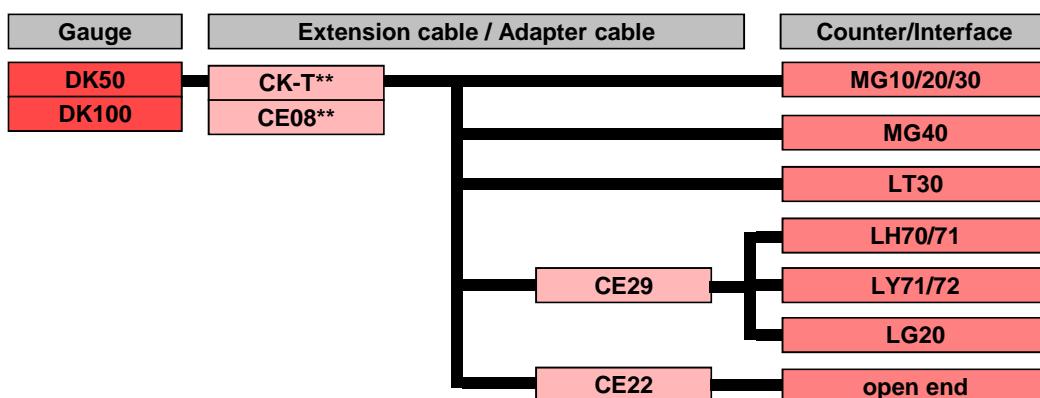
Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 250m/min Measuring length: 10mm			
Product code	Product	Model	SRP
97928682	DK10PR5	Straight / Protected type	758,00 €
97928683	DK10NR5	Straight	758,00 €
97928684	DK10PLR5	Right angel / Protected type	758,00 €

Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 250m/min Measuring length: 25mm			
Product code	Product	Model	SRP
97928685	DK25PR5	Straight / Protected type	826,00 €
97928686	DK25NR5	Straight	826,00 €
97928687	DK25PLR5	Right angel / Protected type	826,00 €
97928688	DK25NLR5	Right angel	826,00 €

DK50NR5/PR5



DK100NR5/PR5

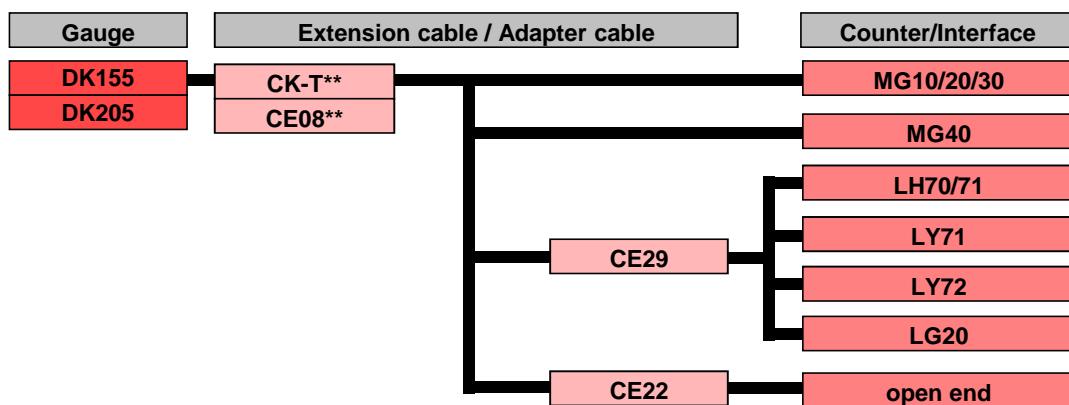


Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 250m/min Measuring length: 50mm

Product code	Product	Model	SRP
97928689	DK50PR5	Straight / Protected type	912,00 €
97928690	DK50NR5	Straight	912,00 €

Resolution: 0,5µm Accuracy: 4µm p-p Max response speed 250m/min Measuring length: 100mm

Product code	Product	Model	SRP
97928691	DK100PR5	Straight / Protected type	1.279,00 €
97928692	DK100NR5	Straight	1.279,00 €

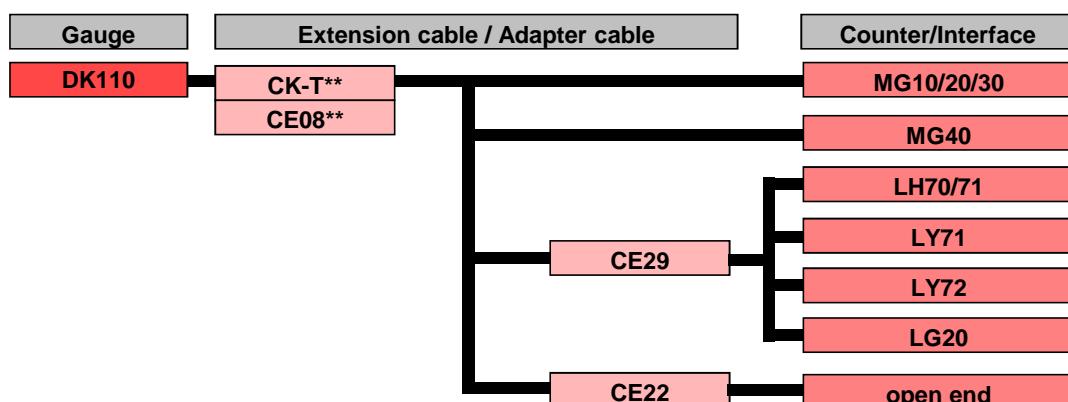
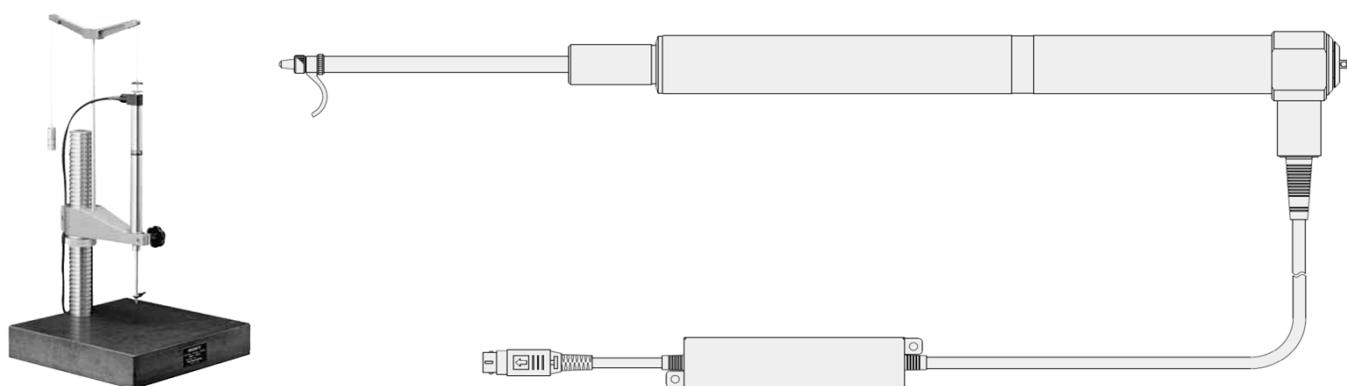


Resolution: 0,5µm Accuracy: 5µm p-p Max response speed 250m/min Measuring length: 155mm

Product code	Product	Model	SRP
97928694	DK155PR5	Straight / Protected type / gravity driven	1.451,00 €

Resolution: 0,5µm Accuracy: 6µm p-p Max response speed 250m/min Measuring length: 205mm

Product code	Product	Model	SRP
97928695	DK205PR5	Straight / Protected type / gravity driven	1.611,00 €



Resolution: 0,5µm Accuracy: 4µm p-p Max response speed 250m/min Measuring length: 110mm

Product code	Product	Model	SRP
97928693	DK110NLR5	Straight / for controllable measuring force	1.822,00 €
97922011	DZ531	Digital gauging stand for DG/DK110	2.199,00 €
97922014	DZ581	Measuring force balancer for DG/DK110	517,00 €

DK

Cable for DK Series

CE08-**

CK-T**



CE22-**



Product code	Product	Model	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €

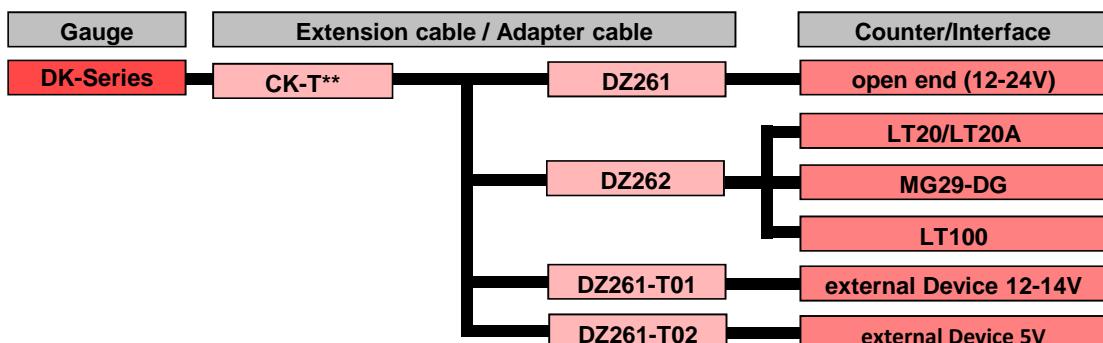
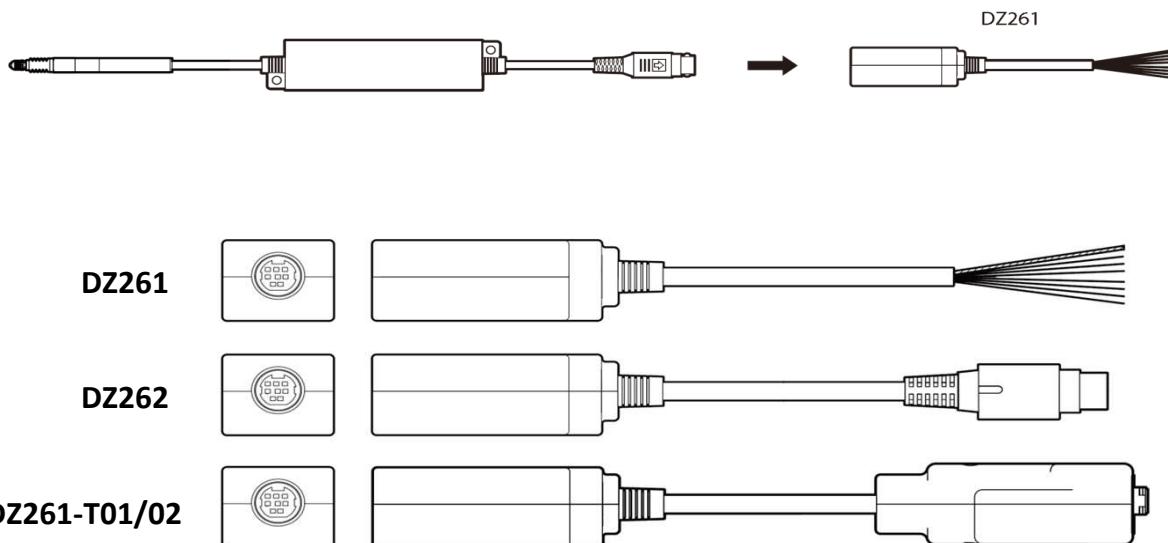
Product code	Product	Model	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €

Product code	Product	Model	SRP
97928116	CE22-01	Extension cable with open end (1m); High-flex cable	60,00 €
97928117	CE22-03	Extension cable with open end (3m); High-flex cable	74,00 €
97928118	CE22-05	Extension cable with open end (5m); High-flex cable	91,00 €
97928119	CE22-10	Extension cable with open end (10m); High-flex cable	131,00 €

Product code	Product	Model	SRP
97928696	CE29-003	Adapter cable (0.3m) to connect to LH70/71 LY71/72 LG20	67,00 €
97928697	CE29-01	Adapter cable (1m) to connect to LH70/71 LY71/72 LG20	67,00 €
97928698	CE29-03	Adapter cable (3m) to connect to LH70/71 LY71/72 LG20	81,00 €
97928699	CE29-05	Adapter cable (5m) to connect to LH70/71 LY71/72 LG20	101,00 €
97928700	CE29-10	Adapter cable (10m) to connect to LH70/71 LY71/72 LG20	133,00 €

DZ261/262/261-T01/261-T02

DK



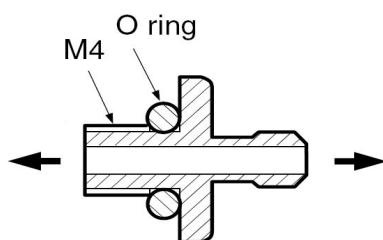
Product code	Product	Model	SRP
97929824	DZ261	12V-24V Power adapter for DK with open end cable	77,00 €
97929823	DZ262	Adapter to replace DG-B to LT20/DZ51	86,00 €
97980072	DZ261-T01	Adapter to replace DG-E	107,00 €
97980073	DZ261-T02	Adapter to replace DG-M	107,00 €

Accessories

DK

Product code	Product	Type	SRP
97967101	DZ51	Replay adapter	46,00 €
97993210	DZ100	Roller feeler	66,00 €
97993212	DZ-122	Feeler	29,00 €
97993213	DZ-123	Feeler	26,00 €
97922022	DZ-161	Lift lever	56,00 €
97922041	DZ174-010	Air lifter	346,00 €
97922042	DZ174-025	Air lifter	346,00 €
97922043	DZ174-050	Air lifter	346,00 €
97922020	DZ181	Magnetic contact point feeler	159,00 €
97922013	DZ191	Coupling	114,00 €
97922010	DZ501	Gauge stand with 20mm stem and long measuring lengths	1.462,00 €
97993254	DZ811	Bushing to use gauge with 8mm stem with DZ501 stand	20,00 €
97922025	DZ521	Gauge stand with 8mm stem and short measuring lengths	487,00 €
97922011	DZ531	Digital gauging stand for DG/DK110	2.199,00 €
97922014	DZ581	Measuring force balancer for DG/DK110	517,00 €
97993253	DZ801	Air lifter	147,00 €
97922012	DZ5100	Feeler set	182,00 €

To be order from GeBoTech



Product code	Product	Type	GeBoTech
000931714	Fitting-D01 Set	Airlifter Fitting for Vacuum use (DK802/805/812) only right angle type	

DK Series operating cautions

In operating the feeler with a vacuum pump, use such an air-pass system as shown in Fig. 1 to enable air driving. The optimum vacuum rate is 0.04 to 0.067MPa. Further, put such an orifice as shown in Fig. 2 on a tube from the air lifter connector to control the air suction and discharge speed. The feeler is lifted at the air discharge to the vacuum pump.

Fig.1 Air-pass System

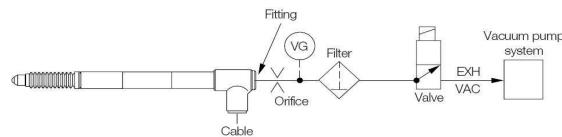
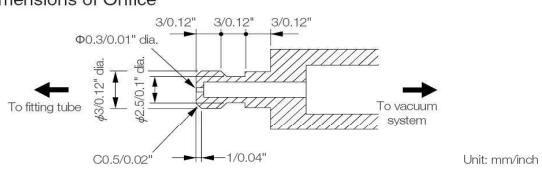
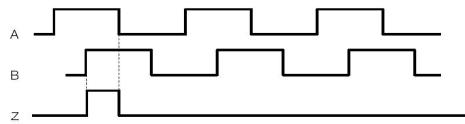


Fig.2 Dimensions of Orifice



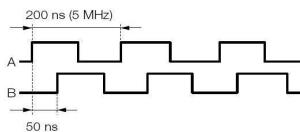
DK Series measuring unit output signals

The signals output from this measuring unit are A/B quadrature signal, Z signal in the form of voltage-differential line driver output compliant with EIA-422.

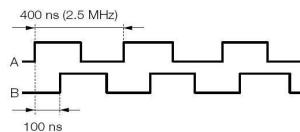
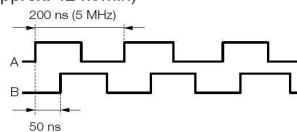


The reference point is the synchronized reference point that is at Hi impedance when the phase A and phase B are at the Hi level.

DK800A output signals at maximum response speed (at approx. 80 m/min)



DK800B output signals at maximum response speed (at approx. 42 m/min)

DK10/25/100/155/205/110
Output signals at maximum response speed (at approx. 42 m/min)

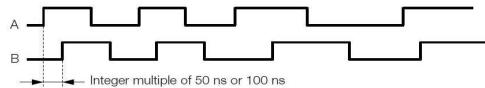
Before using, check that the minimum input phase difference of the control device connected to this measuring unit or the counter is smaller than 50 ns for the DK800A (A signal cycle: 200 ns, 5 MHz) or smaller than 100 ns for the DK800B (A cycle: 400 ns, 2.5 MHz).

*The minimum phase difference can be modified under special specifications.

Output Signal Phase Difference

The travel amount of the measuring unit is detected every 50 ns for the DK800A and every 100 ns for the DK800B, and the phase difference proportional to the amount traveled is output. The phase difference changes in integer multiples of 50 ns or 100 ns. Also, the minimum phase difference for the A and B is 50 ns for the DK800A and 100 ns for the DK800B.

DK802A/B-812A/B

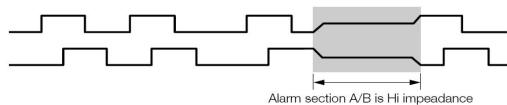


In maximum standard specifications, the minimum phase difference is fixed at 50 ns for the DK800A and 100 ns for the DK800B, but the minimum phase differences in the table below are available as special specifications.

A/B minimum phase difference	A signal cycle	Counter allowable frequency	Maximum response speed		Remarks
			Resolution 0.1 μm	Resolution 0.5 μm	
50 ns	200 ns	5 MHz	80 m/min	250 m/min	DK800A standard product
100 ns	400 ns	2.5 MHz	42 m/min	100 m/min	DK800B standard product
300 ns	1.2 μs	833 kHz	14 m/min	33 m/min	Special specifications
500 ns	2 μs	500 kHz	8.4 m/min	20 m/min	Special specifications

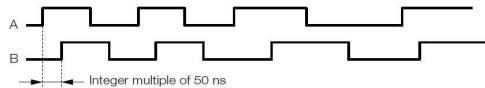
Output Signal Alarm

If the response speed is exceeded, the A/B output from this measuring unit changes to Hi impedance for about 400 ms to serve as an alarm.



The travel amount of the measuring unit is detected every 50 ns, and the phase difference proportional to the amount traveled is output. The phase difference changes in integer multiples of 50 ns. Also, the minimum phase difference for the A and B is 50 ns.

DK10/25/100/155/205/110

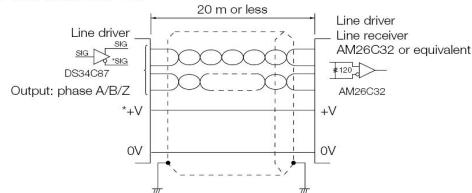


In the standard specifications, the minimum phase difference is fixed at 50 ns, but the minimum phase differences in the table below are available as special specifications.

A/B minimum phase difference	A signal cycle	Counter allowable frequency	Maximum response speed Resolution 0.5 μm	Remarks
50 ns	200 ns	5 MHz	250 m/min	Standard product
100 ns	400 ns	2.5 MHz	100 m/min	Special specifications
300 ns	1.2 μs	833 kHz	33 m/min	Special specifications
500 ns	2 μs	500 kHz	20 m/min	Special specifications

Receiver

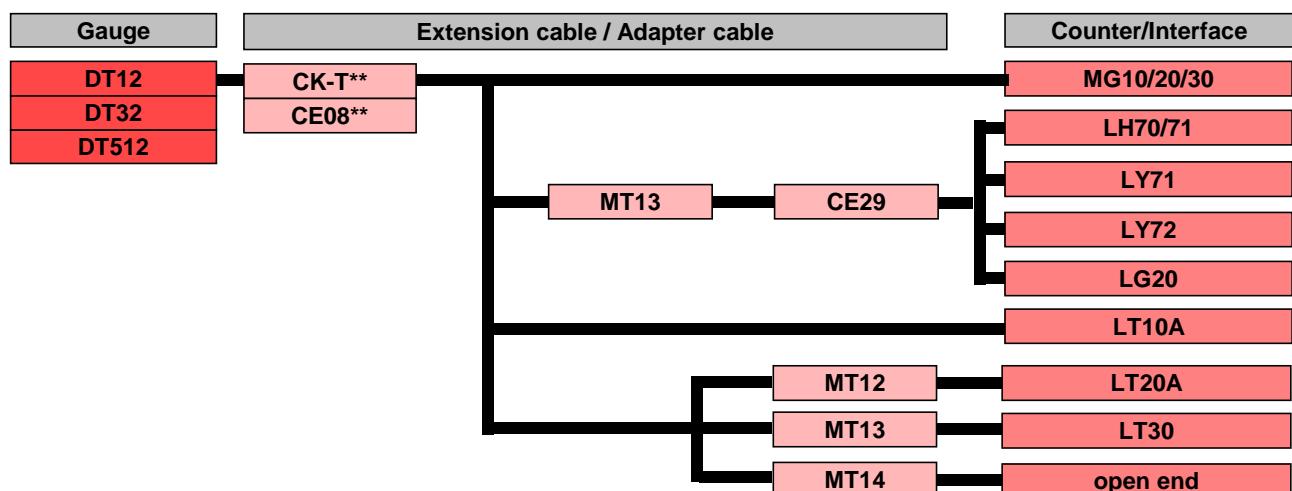
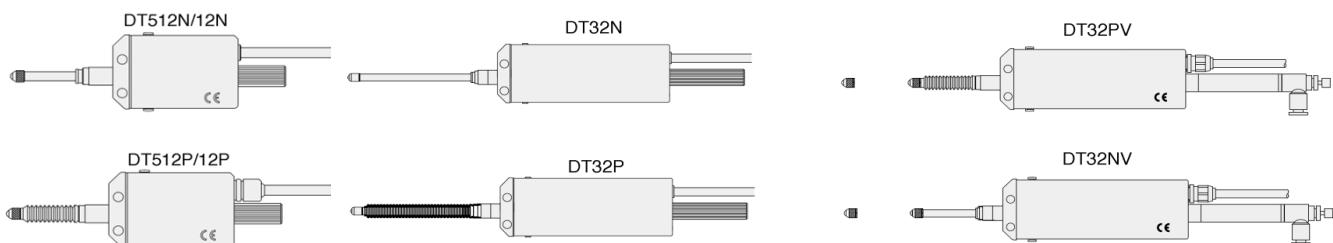
DK10/25/100/155/205/110



(If extending the cable, the supply voltage is +5 V±5%).
*Use the CE22 series extension cables for bare wires (optional accessories).

DT12/32/512 Series

DT



Resolution: 5µm Accuracy: 10µm p-p Measuring length: 12mm

Product code	Product	Model	SRP
97959101	DT12N	without bellow	242,00 €
97959201	DT12P	with bellow	283,00 €

Resolution: 5µm Accuracy: 10µm p-p Measuring length: 32mm

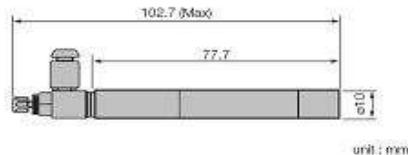
Product code	Product	Model	SRP
97978002	DT32N	without bellow	424,00 €
97978003	DT32P	with bellow	471,00 €
97978004	DT32NV	without bellow / push type	530,00 €
97978005	DT32PV	with bellow / push type	578,00 €

Resolution: 1µm Accuracy: 6µm p-p Measuring length: 12mm

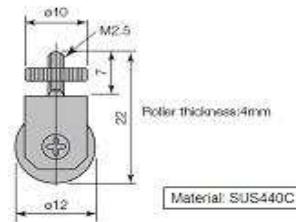
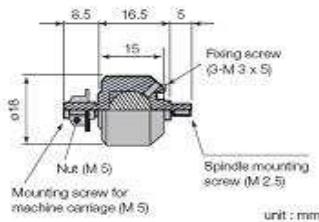
Product code	Product	Model	SRP
97963701	DT512N	without bellow	300,00 €
97963601	DT512P	with bellow	355,00 €



- Measuring range: 0 to 12 mm
- Can be used for DT12/512P/N
- Air pressure: 250 to 700 kPa (25,48 to 69,58 N/cm²)
- Operating temperature: 0 to 50°C
- Storage temperature: -10 to 60°C
- Mass: 41g (incl. speed controller)
- Service life: 5 million times
- Supplied accessories: Mounting jig, speed controller (SMC: AS1211F-M5-04)



DZ-191 Coupling



DZ-100 Roller feeler (for DT Series,DG-B Series: except for DG155BP/205BP)

Product code	Product	Type	SRP
97993210	DZ100	Roller feeler	66,00 €
97962401	DT176	Air lifter for DT12/DT512	206,00 €
97922013	DZ191	Coupling	114,00 €

CE08-**
CK-T**

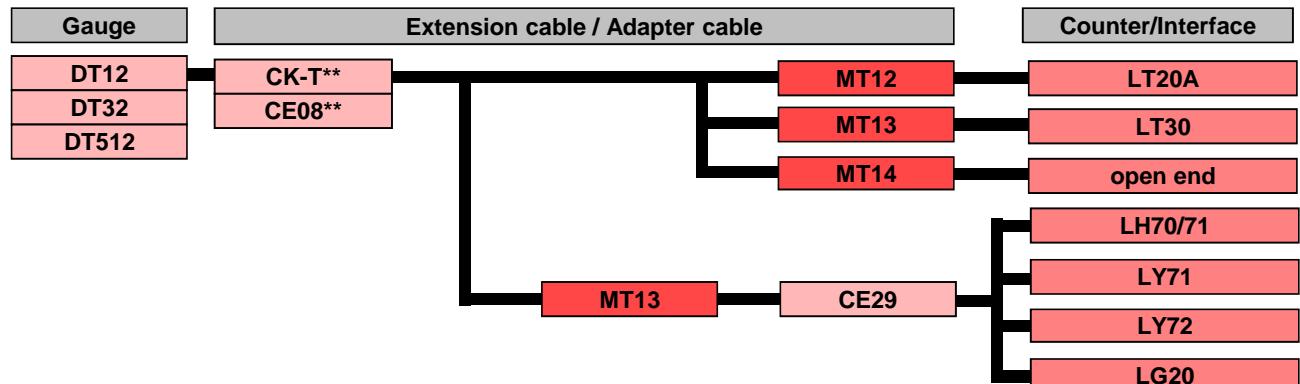
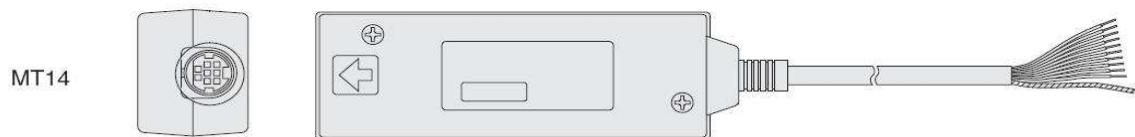
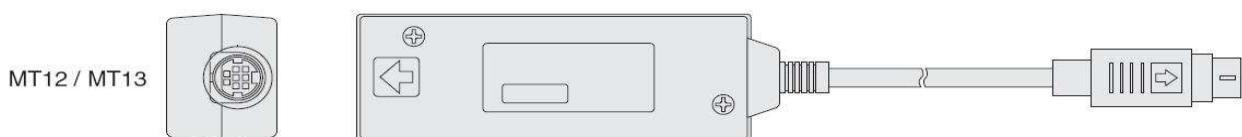


Product code	Product	Model	SRP
97924996	CK-T12	Extension cable 1m (High-flex cable)	72,00 €
97924997	CK-T13	Extension cable 3m (High-flex cable)	92,00 €
97924998	CK-T14	Extension cable 5m (High-flex cable)	114,00 €
97924999	CK-T15	Extension cable 10m (High-flex cable)	164,00 €
97930000	CK-T16	Extension cable 15m (High-flex cable)	300,00 €

Product code	Product	Model	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €

MT12/13/14 Series

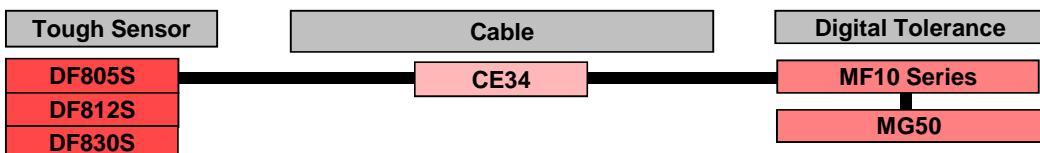
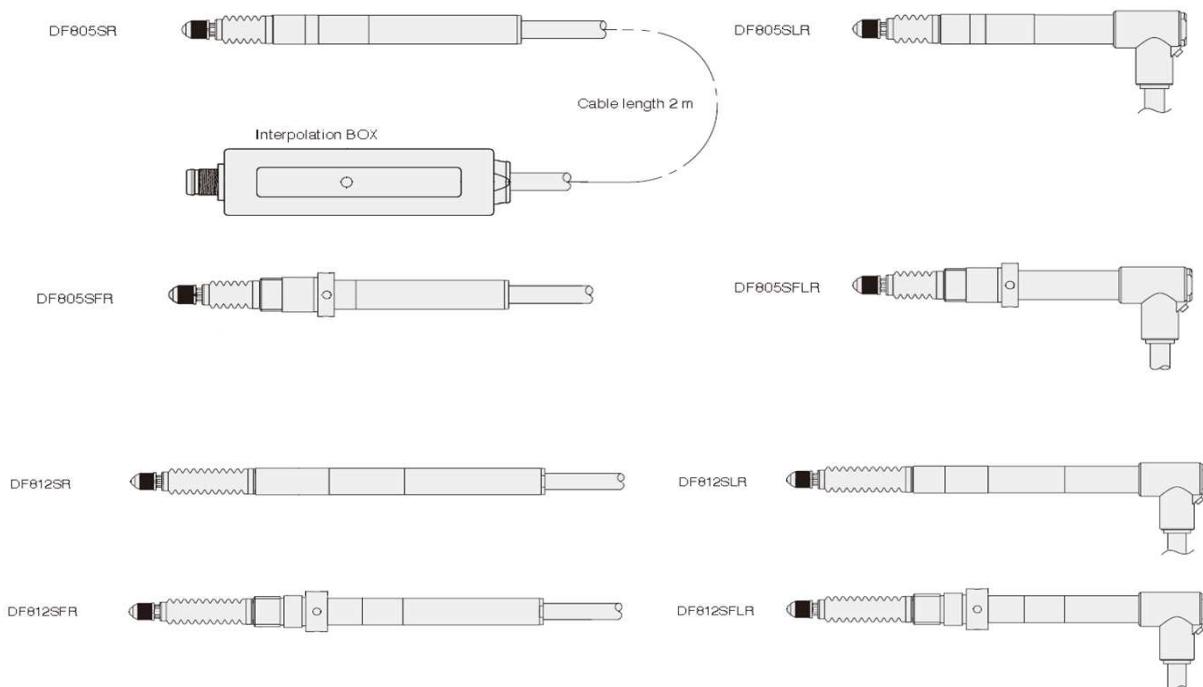
MT



Product code	Product	Type	SRP
97928766	MT12-05	5µm resolution - NPN open collector output	197,00 €
97928767	MT12-10	10µm resolution - NPN open collector output	184,00 €
97928768	MT13-01	1µm resolution - A/B phase output	254,00 €
97928769	MT13-05	5µm resolution - A/B phase output	197,00 €
97928770	MT13-10	10µm resolution - A/B phase output	184,00 €
97928771	MT14-01	1µm resolution - TTL (RS422) open end	254,00 €
97928772	MT14-05	5µm resolution - TTL (RS422) open end	197,00 €
97928773	MT14-10	10µm resolution - TTL (RS422) open end	184,00 €

DF

DF805S/812S Series



Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 80m/min Measuring length: 5mm

Product code	Product	Model	SRP
97929915	DF805SR	Straight type	690,00 €
97929916	DF805SLR	Angle type	726,00 €
97929917	DF805SFR	Flange / Straight type	726,00 €
97929918	DF805SFLR	Flange / Angle type	759,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 80m/min Measuring length: 12mm

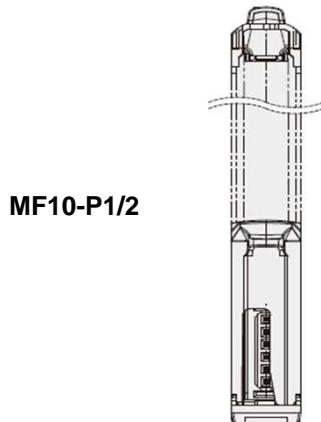
Product code	Product	Model	SRP
97929919	DF812SR	Straight type	714,00 €
97929920	DF812SLR	Angle type	750,00 €
97929921	DF812SFR	Flange / Straight type	750,00 €
97929922	DF812SFLR	Flange / Angle type	783,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 80m/min Measuring length: 30mm

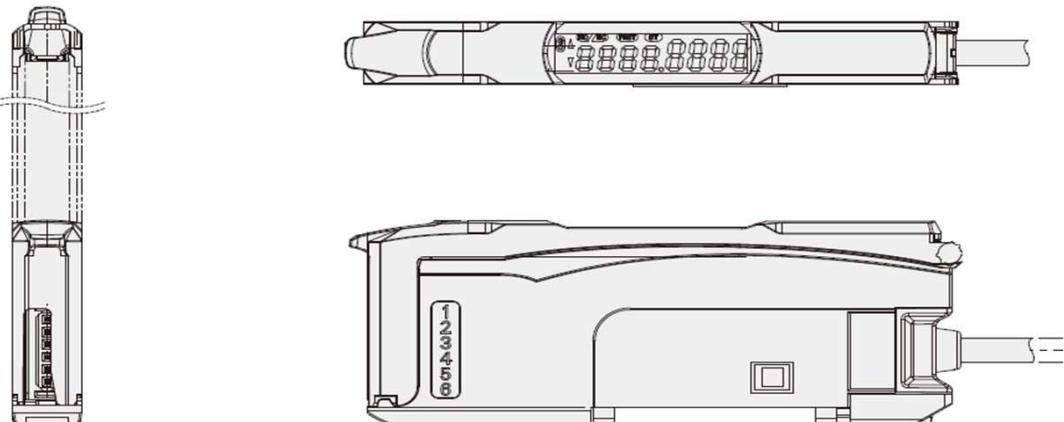
Product code	Product	Model	SRP
	DF830SVR	Pneumatic push / Right angel	1.227,00 €

MF10 Series

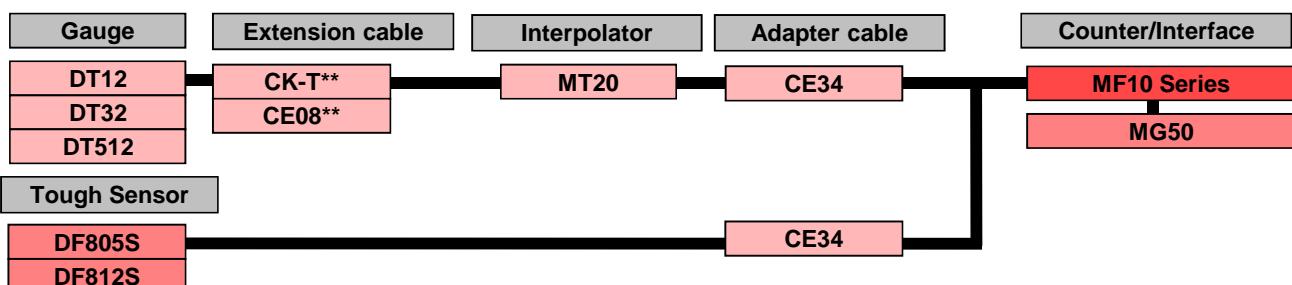
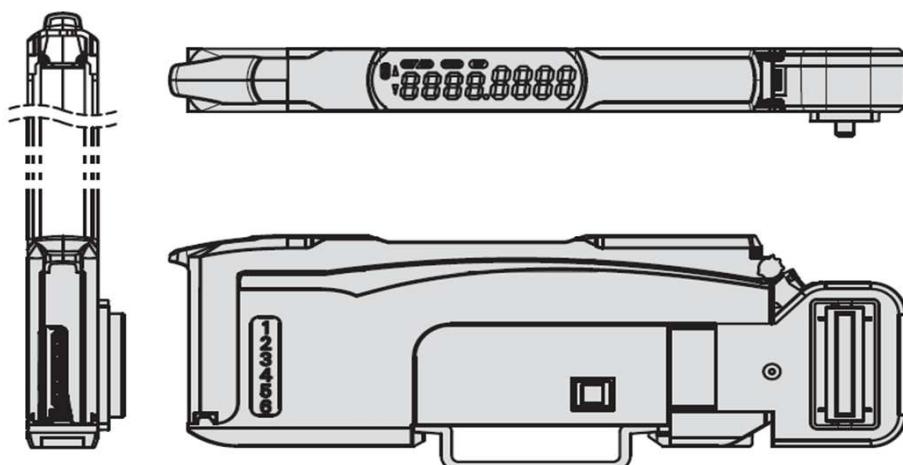
MF



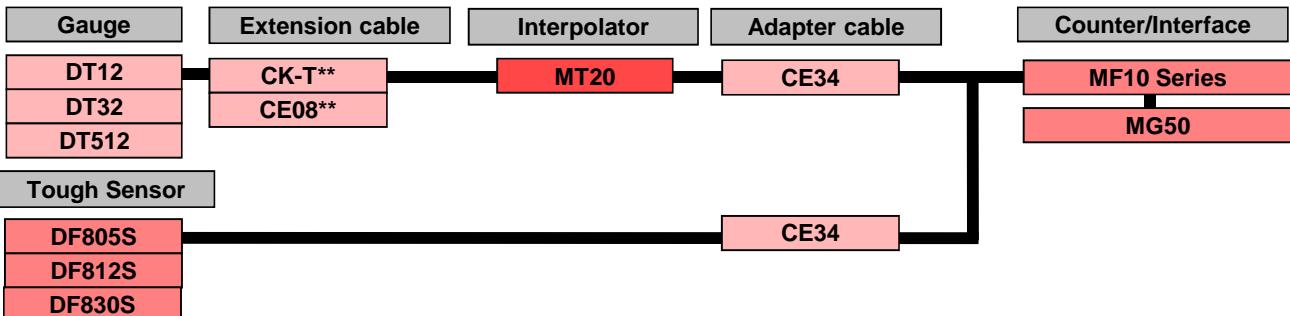
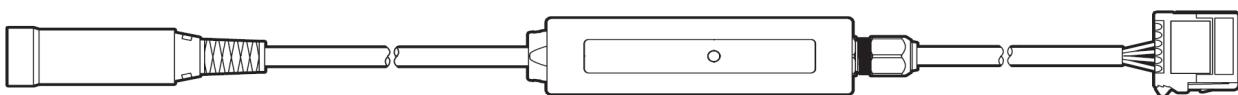
MF10-P1/2



MF10-CM

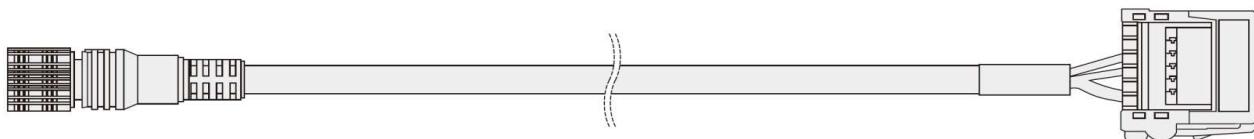


Digital Tolerance Indicator for the DF800S Sensor			
Product code	Product	Model	SRP
97929923	MF10-P1	Digital Tolerance Indicator (negative logic)	220,00 €
97929924	MF10-P2	Digital Tolerance Indicator (positive logic)	220,00 €
97929989	MF10-CM	Counter Module for MG50/MG51	259,00 €

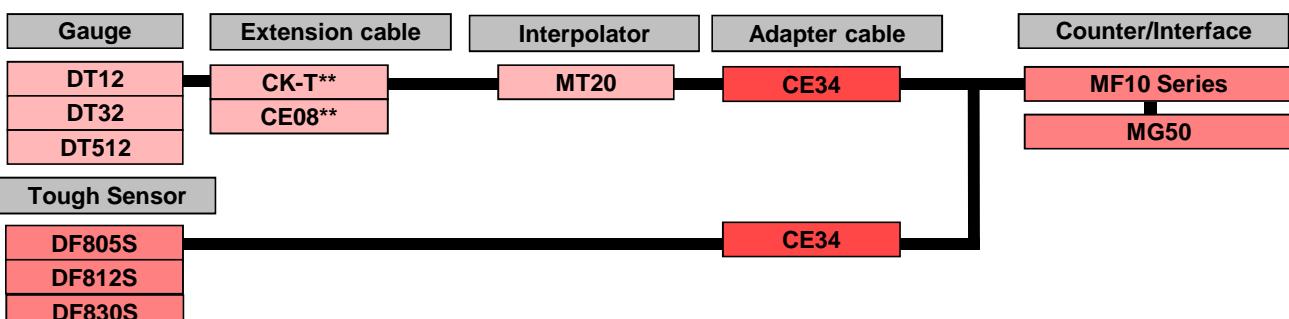


Interpolator to connect DT series to MF10 series

Product code	Product	Type	SRP
97929990	MT20-01	Interpolator with 1µm resolution DT512	199,00 €
97929991	MT20-05	Interpolator with 5µm resolution DT12/32	158,00 €



CE34

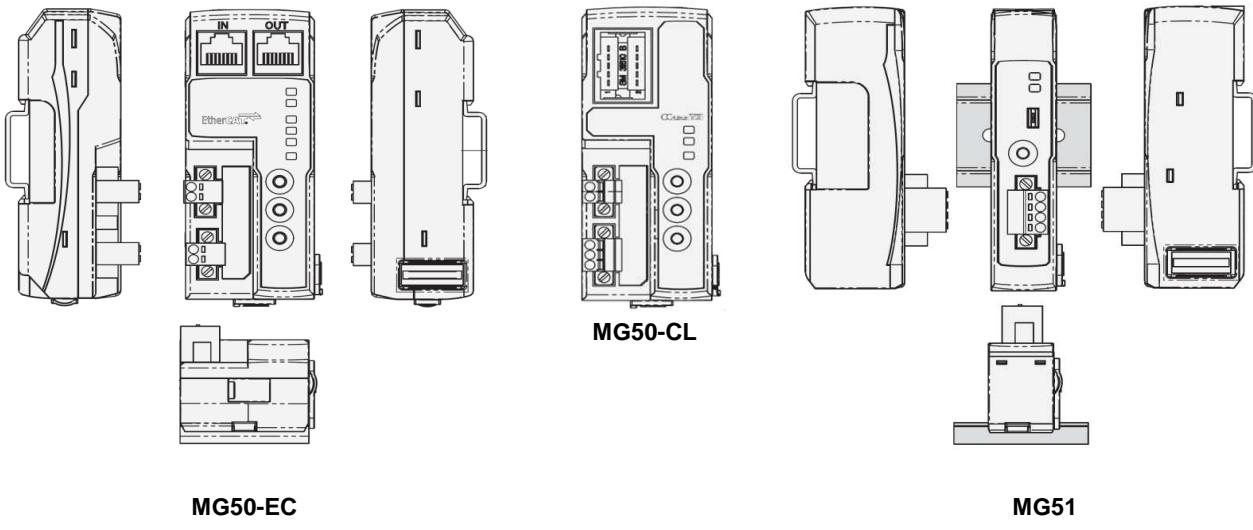


Cable between Sensor / MT20 and MF10 Series

Product code	Product	Model	SRP
97929925	CE34-005	0.5m Cable to connect to MF10	42,00 €
97929926	CE34-02	2m Cable to connect to MF10	62,00 €
97929927	CE34-05	5m Cable to connect to MF10	82,00 €
97929928	CE34-10	10m Cable to connect to MF10	113,00 €
97929929	CE34-15	15m Cable to connect to MF10	154,00 €
97929930	CE34-20	20m Cable to connect to MF10	185,00 €

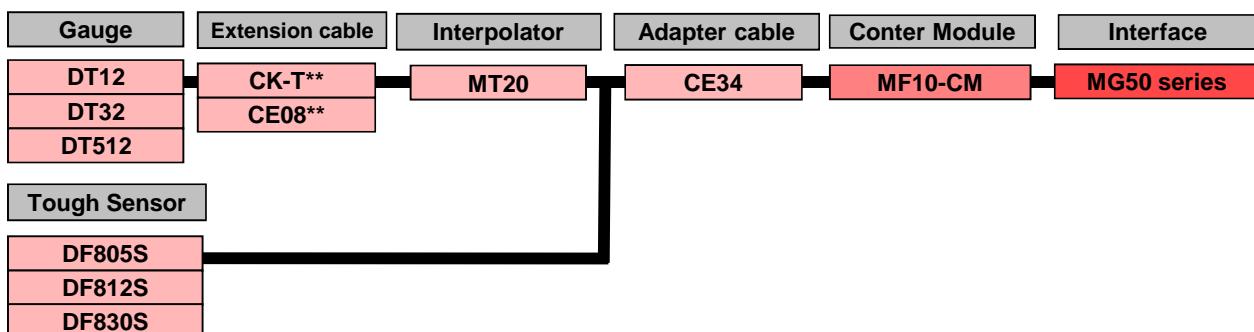
MG50 Series

MG



MG50-EC

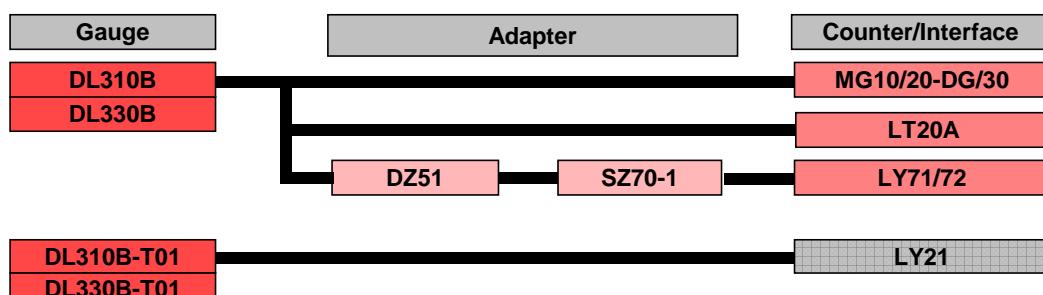
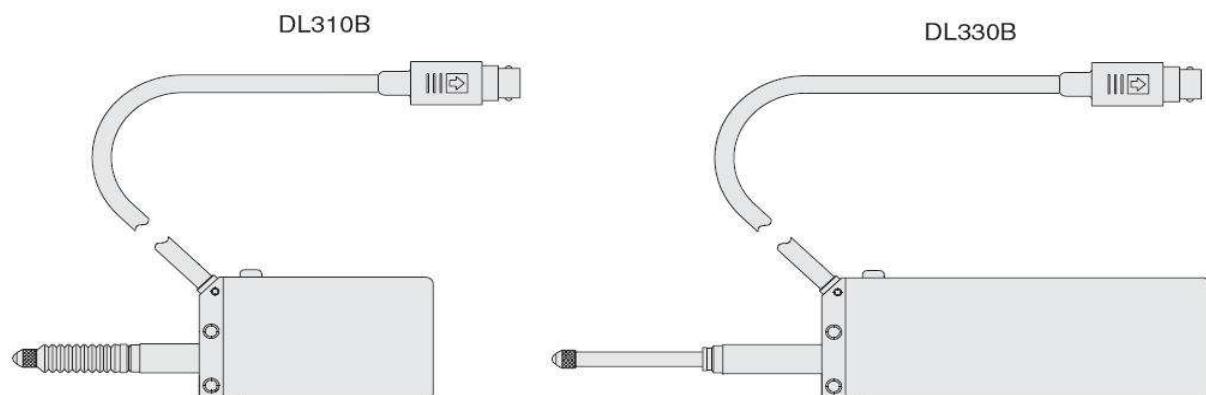
MG51



Fieldbus interface (EtherCAT and CC Link V2)			
Product code	Product	Type	SRP
97929986	MG50-EC	Fieldbus interface unit for EtherCAT	267,00 €
97929987	MG50-CL	Fieldbus interface unit for CC Link V2	333,00 €
97929988	MG51	Distribution module for MG50 series	84,00 €

DL

DL310B/330B Series



Resolution: 10µm Accuracy: 10µm p-p Max response speed 120m/min Measuring length: 10mm

Product code	Product	Model	SRP
97968001	DL310B	Straight	527,00 €
97930268	DL310B-T01	DL310B with Sub-HD 15-Pol. to connect to the LY21 direct	549,00 €

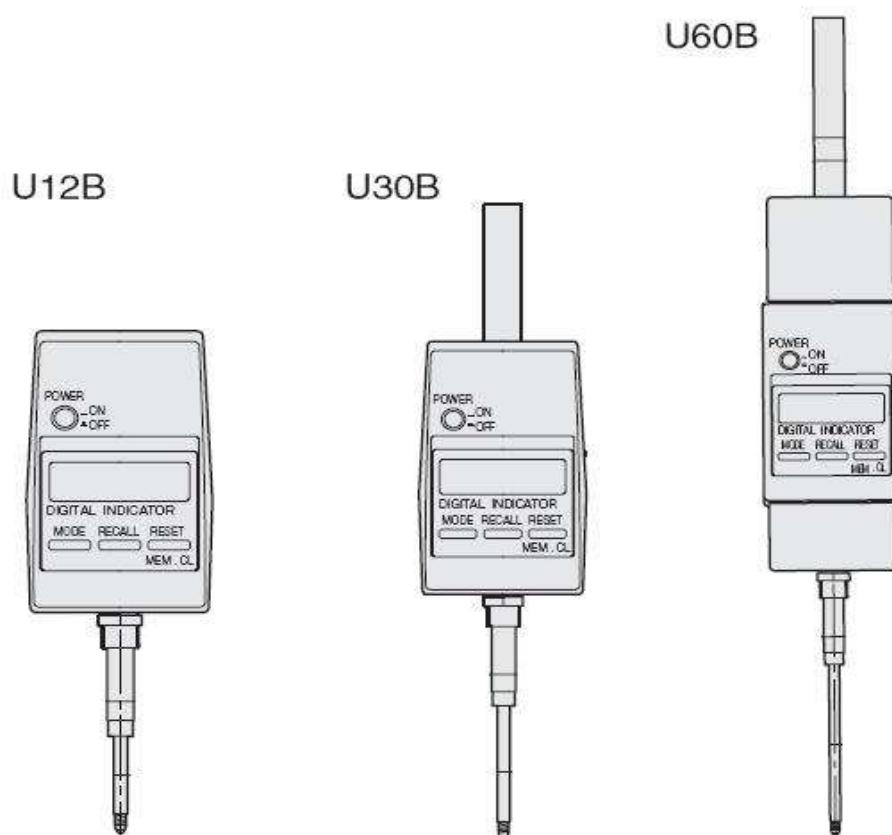
Resolution: 10µm Accuracy: 10µm p-p Max response speed 120m/min Measuring length: 30mm

Product code	Product	Model	SRP
97968011	DL330B	Straight	573,00 €
97930270	DL330B-T01	DL330B with Sub-HD 15-Pol. to connect to the LY21 direct	620,00 €

Product code	Product	Model	SRP
97967101	DZ51	Adapter	46,00 €
97928115	SZ70-1	Adapter to LY71/72 LH70/71 LG20	91,00 €
97922061	DZ301	Bellow set for DL330B	63,00 €
97928726	SZ70-2	Adapter to LT30	161,00 €

U Series

U



Product code	Product	Type	SRP
97900268	U12B-F	Resolution 1µm / Accuracy 2µm / Measuring length 12mm	550,00 €
97900270	U30B-F	Resolution 1µm / Accuracy 2µm / Measuring length 30mm	609,00 €
97900272	U60B-F	Resolution 1µm / Accuracy 3µm / Measuring length 60mm	655,00 €

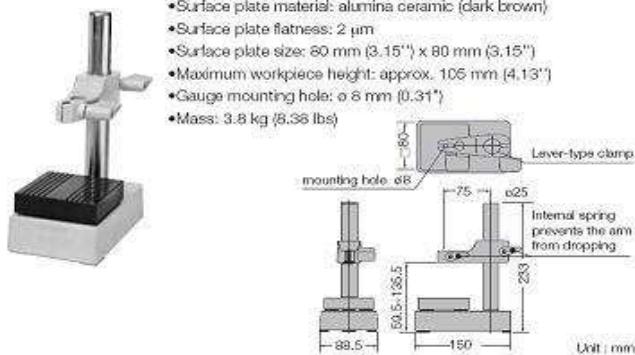
Local purchase part from Yamazen

Product code	Product	Type	YEG Price
000932595	AC-K02	Power supply for the U-Series	

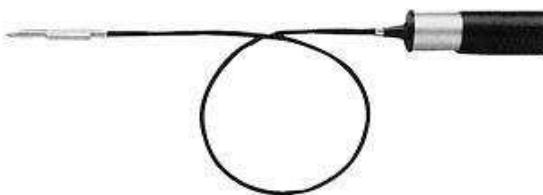
U

U Series Accessories

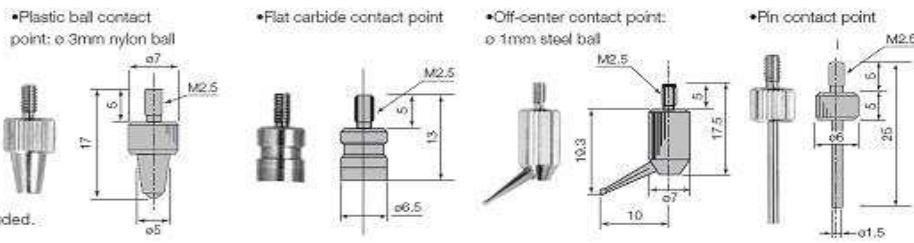
DZ521 Gauging stand (for DG805BL/810B/810BL, U Series, DE12BR)



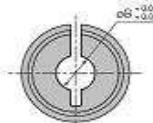
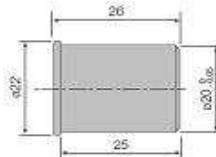
DZ173 Air release (for DE12BR/30BR, U Series)



DZ-5100 Feeler set



DZ-811 Bushing (for mounting a U60A or a DE30BR to a DZ-501 stand)



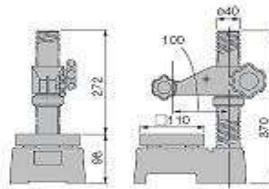
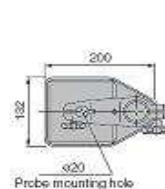
Unit : mm

Unit : mm

DZ-501 Digital gauging stand (for DG10B to DG100B, DE-30BR)

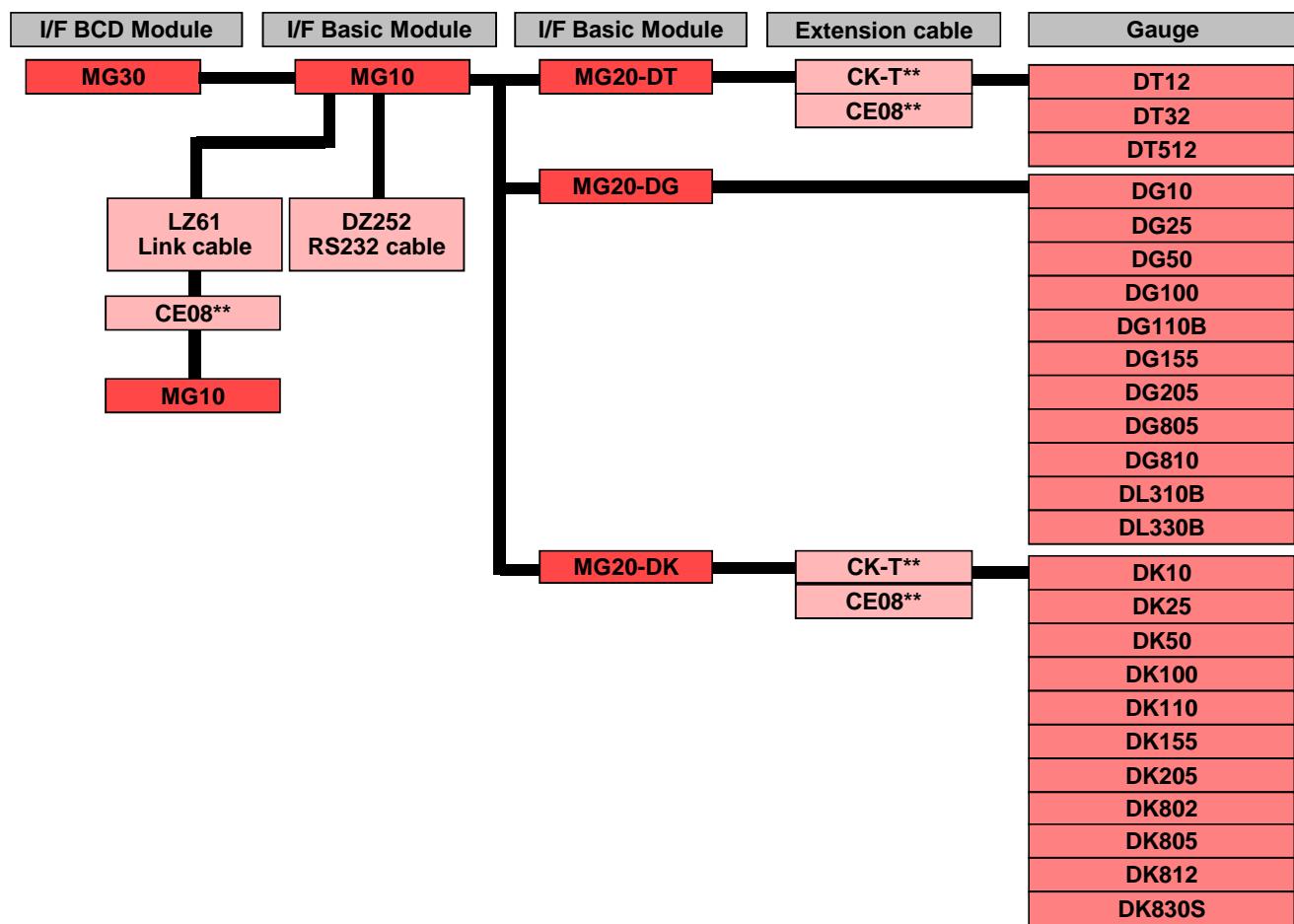


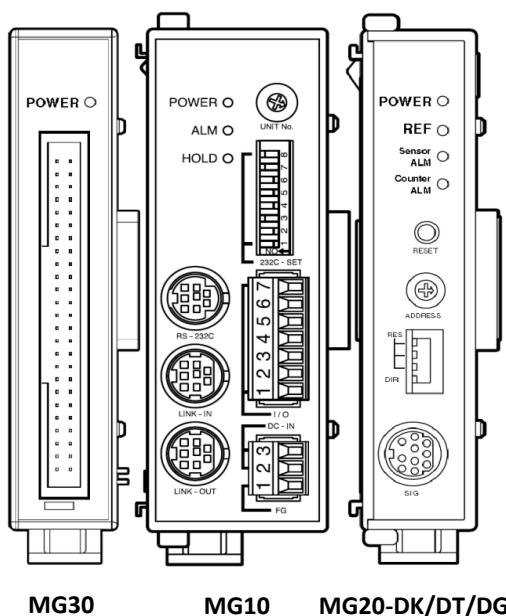
- Surface plate material: alumina ceramic
- Surface plate flatness: 2 µm
- Surface plate size: 110 mm (4.33") x 110 mm (4.33")
- Maximum workpiece height: approx. 190 mm (7.48")
- Gauge mounting hole: ø 20mm (0.79")
- Mass: 13kg (28.67 lbs)



Unit : mm

Product code	Product	Type	SRP
97922028	DZ173	Air release for DE and U series	89,00 €
97922025	DZ521	Gauge stand with 8mm stem and short measuring lengths	487,00 €
97922010	DZ501	Gauge stand with 20mm stem and long measuring lengths	1.462,00 €
97993254	DZ811	Bushing to use gauge with 8mm stem with DZ501 stand	20,00 €
97922012	DZ5100	Feeler set	182,00 €
97920357	DZ252	RS232 cable (for U / LT / LY series to D-Sub 9P female)	94,00 €
97956101	DZ253A	RS232 cable (for U / LT / LY series to D-SUB 25P male)	121,00 €





MG10 = Main module with RS232C

Product code	Product	Model	SRP
97900487	MG10-P1	Main Module with RS232 (NPN Logic)	295,00 €
97900488	MG10-P2	Main Module with RS232 (PNP Logic)	295,00 €

MG20 = Counter module for DG-, DK- & DT-s

Product code	Product	Model	SRP
97900489	MG20-DT	Counter module for DT-Gauges	242,00 €
97900490	MG20-DG	Counter module for DG-Gauges	194,00 €
97900491	MG20-DK	Counter module for DK-Gauges	194,00 €

MG30 = Interface module with BCD

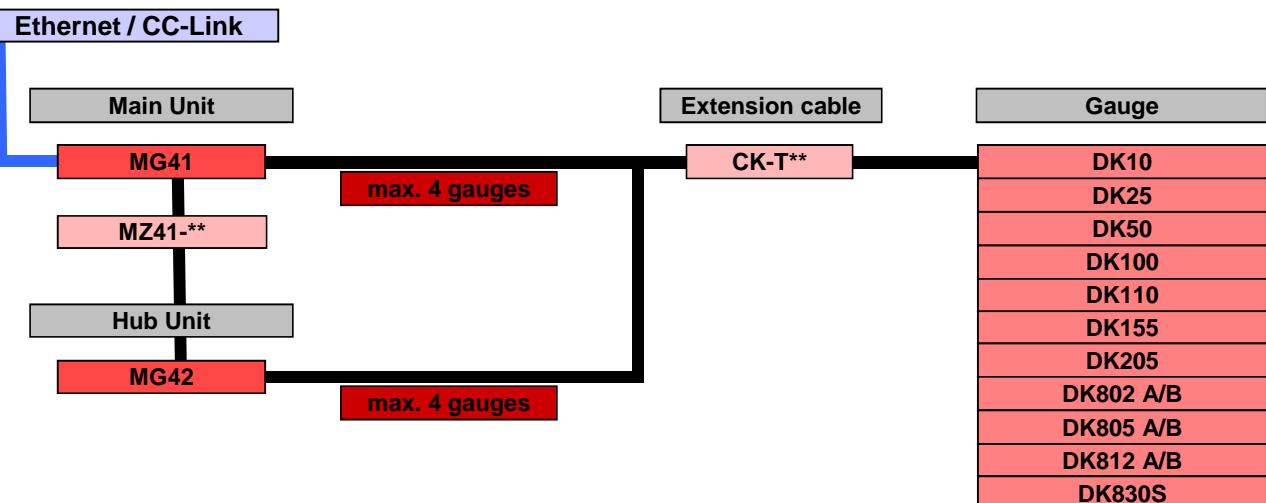
Product code	Product	Model	SRP
97900492	MG30-B1	Interface Module for BCD output (NPN Logic)	273,00 €
97900493	MG30-B2	Interface Module for BCD output (PNP Logic)	273,00 €

Product code	Product	Model	SRP
97920357	DZ252	RS232 cable (for U / LT / LY / MG10 series to D-Sub - 9pin male)	94,00 €
97956101	DZ253A	RS232 cable (for U / LT / LY / MG10 series to D-Sub - 25pin male)	121,00 €

Product code	Product	Model	SRP
97973401	LZ61	Link cable between MG10 modules (1m)	44,00 €

Product code	Product	Model	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €

Product code	Product	Model	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €

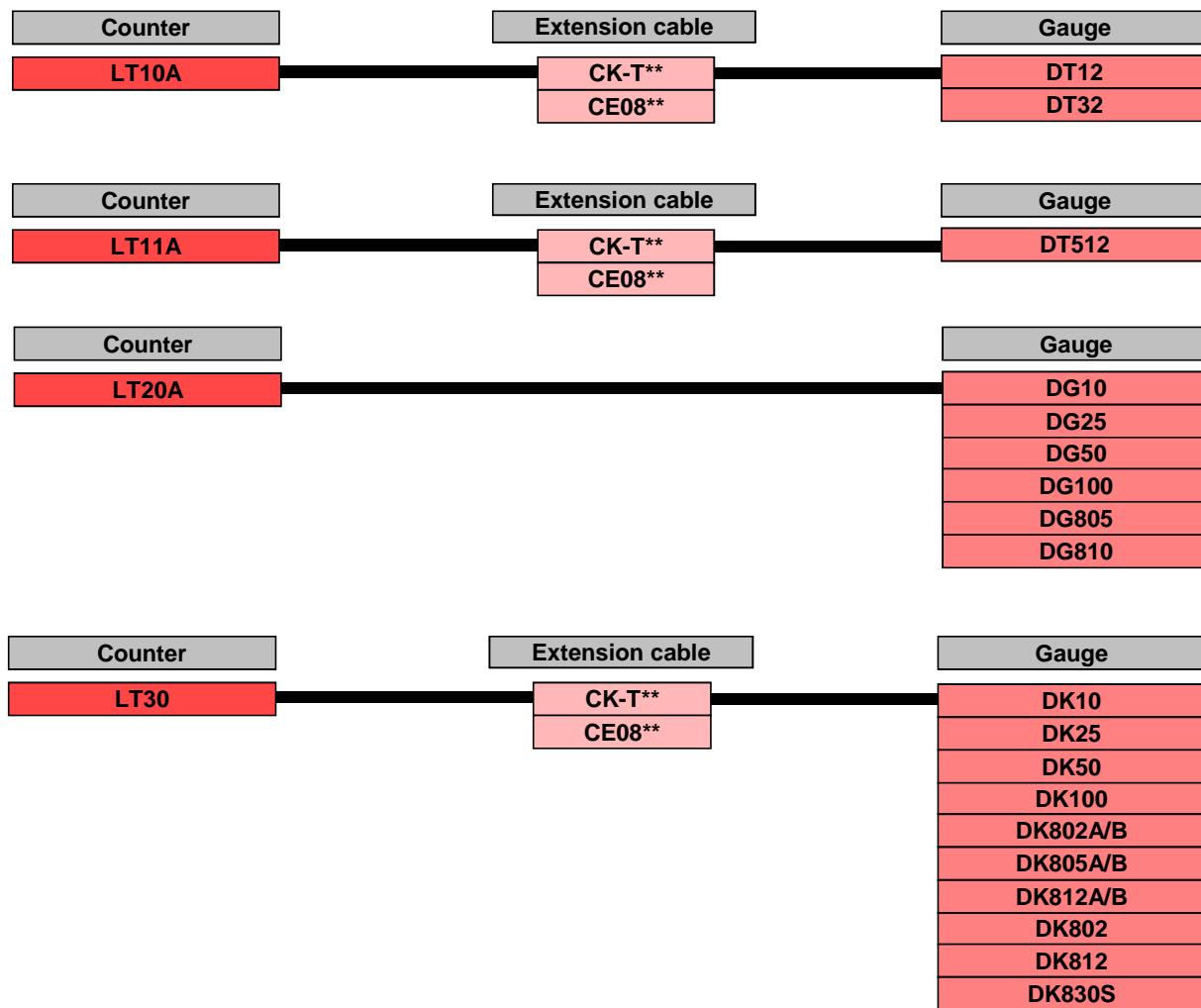
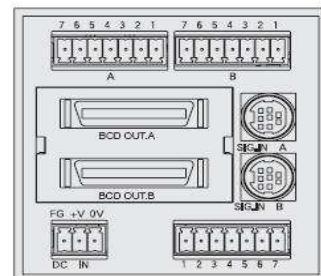
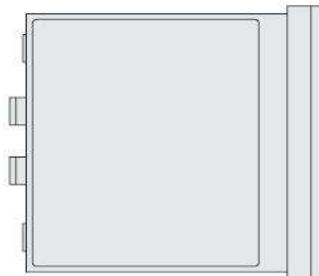
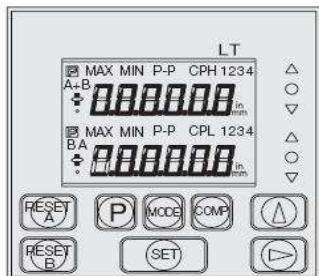
Main unit
MG41-NE(Ethernet)Hub unit
MG42

MG41 = Main module / MG42 = Extension module

Product code	Product	Model	SRP
97928899	MG41-NE	Main Module (4 channel) with Ethernet	1.257,00 €
97928900	MG41-NC	Main Module (4 channel) with CC-Link	1.671,00 €
97928904	MG42-4	Extension Module (4 channel)	679,00 €

Product code	Product	Model	SRP
97928907	MZ41-R5	Connection cable 0,5m	105,00 €
97928908	MZ41-01	Connection cable 1m	125,00 €
97928909	MZ41-02	Connection cable 2m	168,00 €
97928910	MZ41-05	Connection cable 5m	210,00 €
97928911	MZ41-10	Connection cable 10m	315,00 €

Product code	Product	Model	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €



LT10A/11A/20A/30 Series

LT



Product code	Product	Model	SRP
97928504	LT10A-105	1 channel	402,00 €
97928505	LT10A-105B	1 channel / BCD interface	666,00 €
97928506	LT10A-105C	1 channel / RS232 interface	588,00 €
97928507	LT10A-205	2 channel	628,00 €
97928508	LT10A-205B	2 channel / BCD interface	1.071,00 €
97928509	LT10A-205C	2 channel / RS232 interface	902,00 €

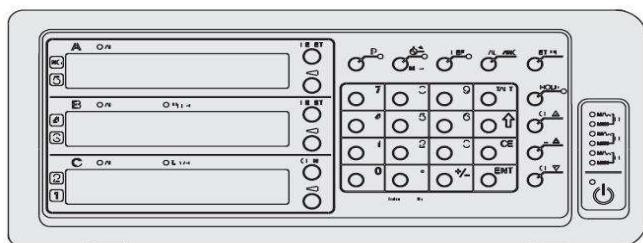
Product code	Product	Model	SRP
97928510	LT11A-101	1 channel	463,00 €
97928511	LT11A-101B	1 channel / BCD interface	766,00 €
97928512	LT11A-101C	1 channel / RS232 interface	675,00 €
97928513	LT11A-201	2 channel	722,00 €
97928514	LT11A-201B	2 channel / BCD interface	1.231,00 €
97928515	LT11A-201C	2 channel / RS232 interface	1.036,00 €

Product code	Product	Model	SRP
97900498	LT20A-101	1 channel	502,00 €
97900499	LT20A-101B	1 channel / BCD interface	833,00 €
97900500	LT20A-101C	1 channel / RS232 interface	731,00 €
97928100	LT20A-201	2 channel	751,00 €
97928101	LT20A-201B	2 channel / BCD interface	1.273,00 €
97928102	LT20A-201C	2 channel / RS232 interface	1.075,00 €

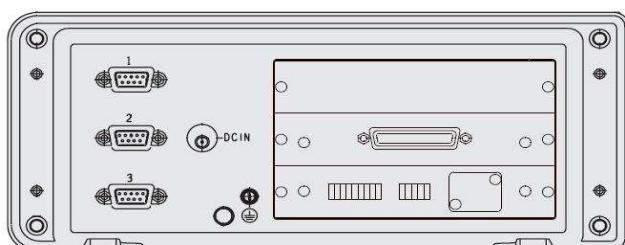
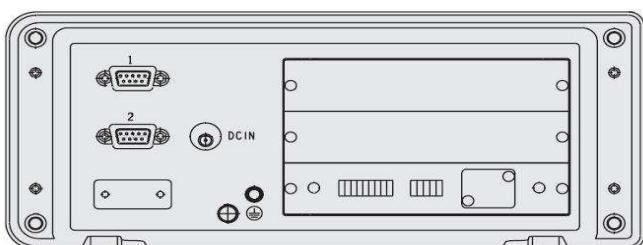
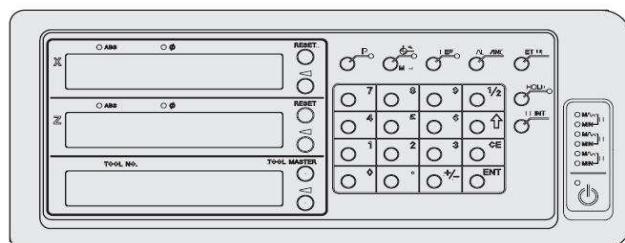
Product code	Product	Model	SRP
97928103	LT30-1G	1 channel	506,00 €
97928104	LT30-1GB	1 channel / BCD interface	797,00 €
97928105	LT30-1GC	1 channel / RS232 interface	726,00 €
97928106	LT30-2G	2 channel	755,00 €
97928107	LT30-2GB	2 channel / BCD interface	1.156,00 €
97928108	LT30-2GC	2 channel / RS232 interface	1.056,00 €

Product code	Product	Model	SRP
97920357	DZ252	RS232 cable (for U / LT / LY series to D-Sub 9P female)	94,00 €
97956101	DZ253A	RS232 cable (for U / LT / LY series to D-Sub 25P male)	121,00 €

LY71



LY72



Counter

Extension cable / Adapter cable

Scale / Gauge

LY71

LY72

GB-ER

SJ700A

PL20C

SL110/130

SZ70-1

SZ51-MS01

CE05

SR118

CH33

SR74

CH33

SR84

SZ70-1

CE29

DZ51

DG-Series

DT-Series

MT13

CE29

DK-Series

Product code	Product	Type	SRP
97928722	LY71	Counter (2 axes)	849,00 €
97928724	LZ71-B	BCD output board	238,00 €
97928725	LZ71-KR	Comparator function output board	346,00 €
97900479	PSC23	Power supply	44,00 €

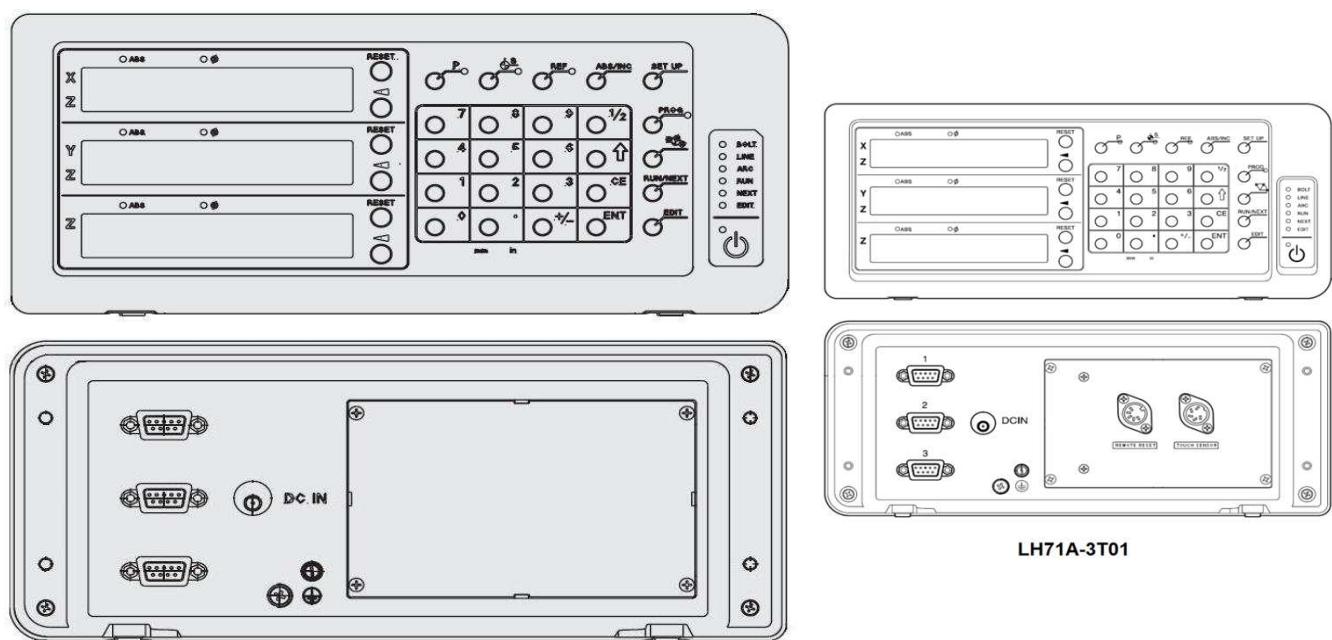
Product code	Product	Type	SRP
97928723	LY72	Counter (3 axes) with RS232 output	1.683,00 €
97900479	PSC23	Power supply	44,00 €

Special output board of the LY71 for replacing the LY51

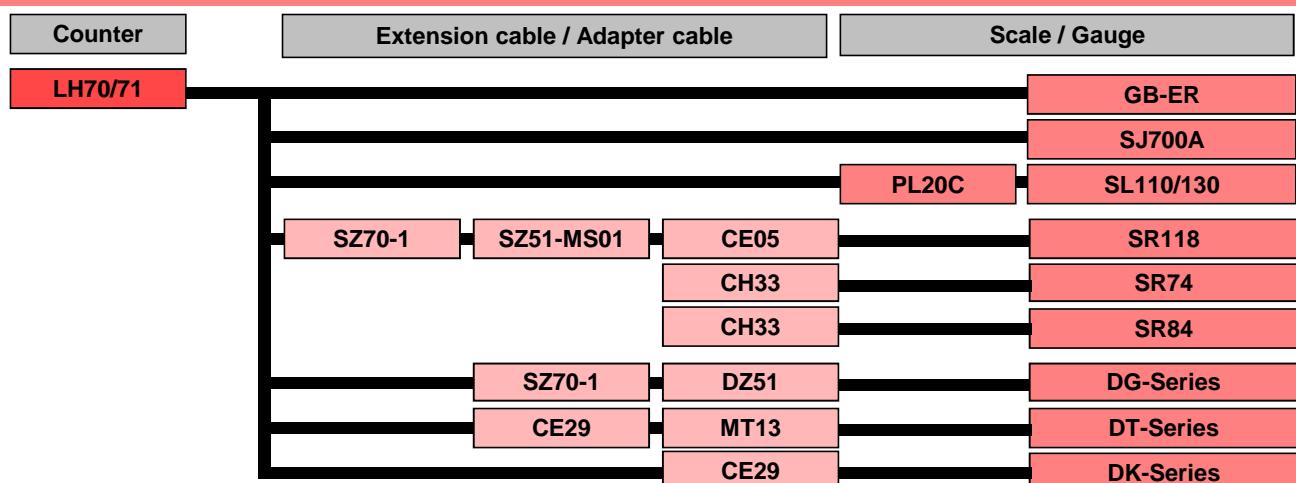
Product code	Product	Type	SRP
97938787	LZ71-HT01	A/B phase output board	
97938771	LZ71-BT01	BCD output board (to use 5V level output)	

LH70/71 Series

LH

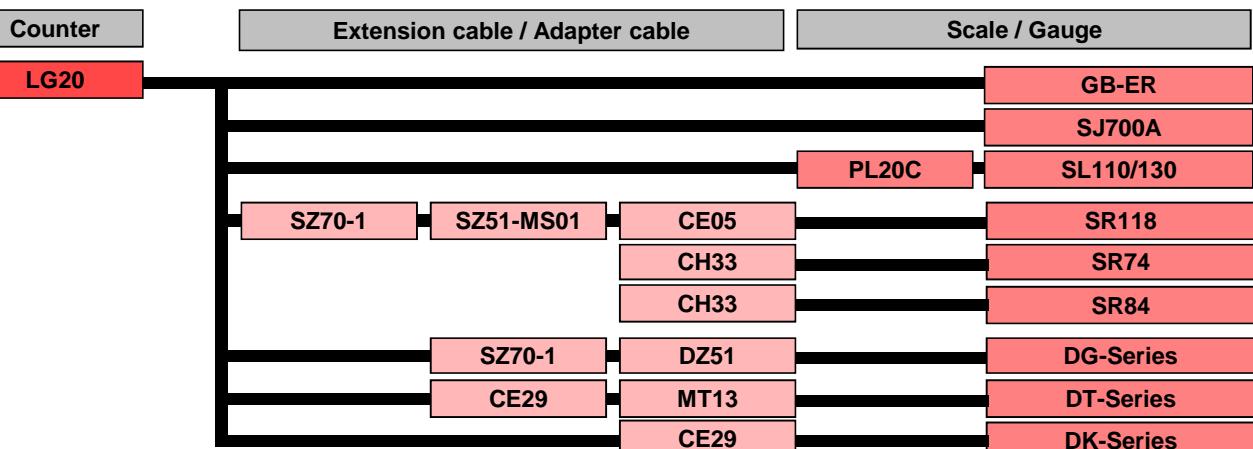
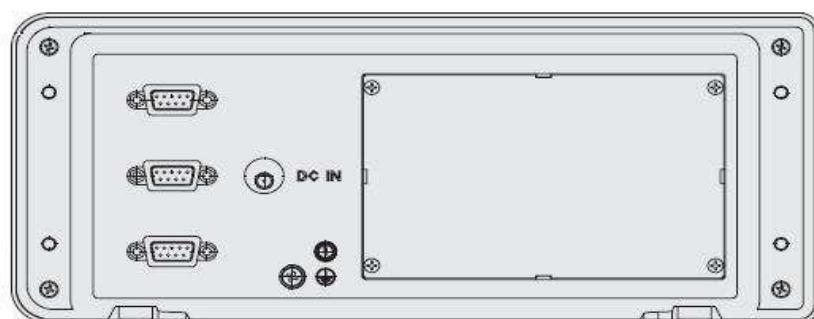
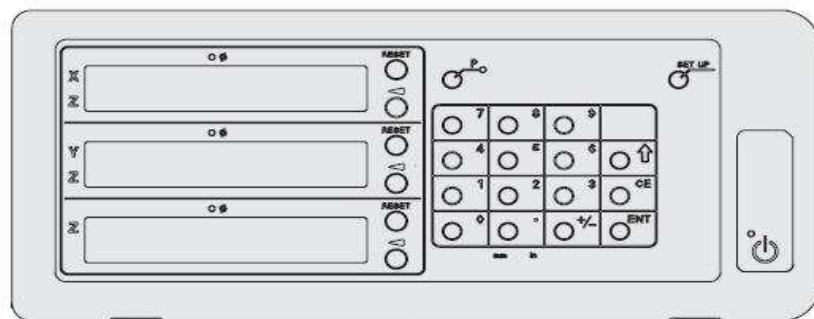


LH70 Series



Product code	Product	Type	SRP
97900447	LH70-1	Counter (1 axes)	463,00 €
97900448	LH70-2	Counter (2 axes)	521,00 €
97900449	LH70-3	Counter (3 axes)	602,00 €
97900479	PSC23	Power supply	44,00 €

Product code	Product	Type	SRP
97900450	LH71-1	Counter (1 axes)	612,00 €
97900451	LH71-2	Counter (2 axes)	683,00 €
97900452	LH71-3	Counter (3 axes)	786,00 €
97938751	LH71A-3T01	Counter (3 axes) with external reset and touch sensor function (TS series)	921,00 €
97900479	PSC23	Power supply	44,00 €

LG**LG20 Series****LG20**

Product code	Product	Type	SRP
97928727	LG20-1	Counter (1 axes)	440,00 €
97928728	LG20-2	Counter (2 axes)	487,00 €
97928729	LG20-3	Counter (3 axes)	567,00 €
97900479	PSC23	Power supply	44,00 €

Counter Accessories

LH/Y/G

LZ71 series Expansion boards (for LY71)

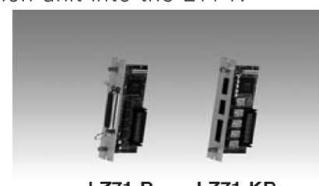
The functions of your LY71 counter unit can be expanded simply by inserting the expansion unit into the LY71.

LZ71-B

- BCD output of various data
- Various output modes
- Open collector output

LZ71-KR

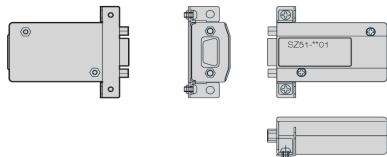
- Comparator function for various data
- Switching between 16 sets of data
- Open collector output/relay output



LZ71-B LZ71-KR

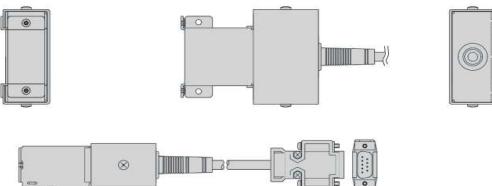
SZ51-AB01

SZ51-AB01 is required for connecting the following scale unit and counter with cable CE30.
Scale unit: GB-ER(SR138), SJ700A, PL20C
Counter : LH51/52/54-3, LY51/52,SJ700A,LG10



SZ70-1 Adapter

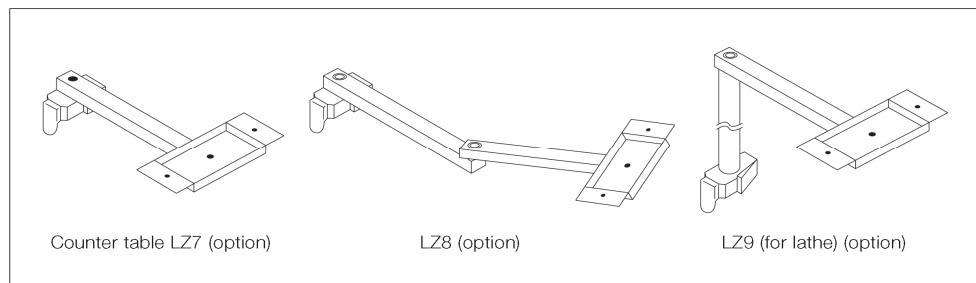
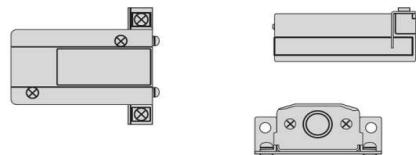
SZ70-1 is required for connecting the following scale units and counters:
Scale unit: GB-A, SR801, MSS-101 and SR118
Counter: LH70/71,LH72,LY71 and LY72,LG20
* Adapter SZ51-MS01 is also required except GB-A.



DZ51 (Relay adapter) For connections of DG-B, DL-BR, DL-B and DT12/32N/P* to LG, LH and LY displays



*To connect the DT12/32N/P,
use the DZ51 in combination with
the MT10 detector.



Counter table LZ7 (option)

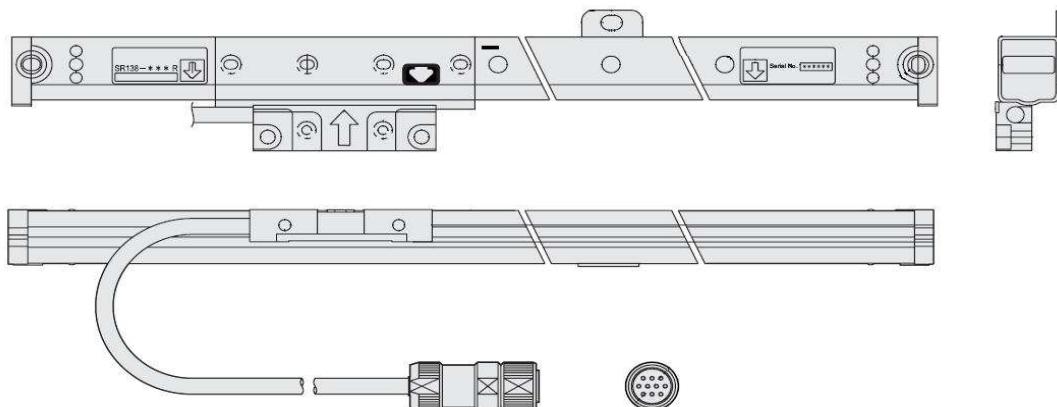
LZ8 (option)

LZ9 (for lathe) (option)

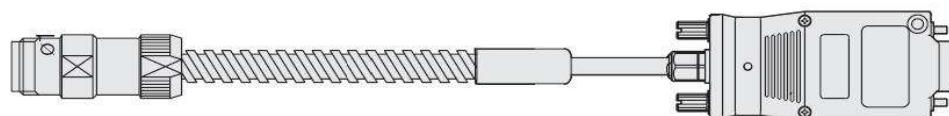
Product code	Product	Type	SRP
97928724	LZ71-B	BCD output board	238,00 €
97928725	LZ71-KR	Comparator function output board	346,00 €
97900479	PSC23	Power supply	44,00 €
97967101	DZ51	Adapter for gauge	46,00 €
97967301	SZ51-MS01	Adapter for CE05-XX/CE07-XX/CH01-LWXX)	64,00 €
97928115	SZ70-1	Adapter for old scale GB-A,PL20B, SJ700,DG-B with DZ51	91,00 €

Product code	Product	Type	SRP
97938787	LZ71-BT01	special BCD output board for 5V	
97938771	LZ71-HT01	A/B/Z-phase output for 1 channel	
97951901	LZ7	Counter table LZ7 (option)	160,00 €
97952001	LZ8	Universal (Option)	288,00 €
97952101	LZ9	Lathe (Option)	320,00 €

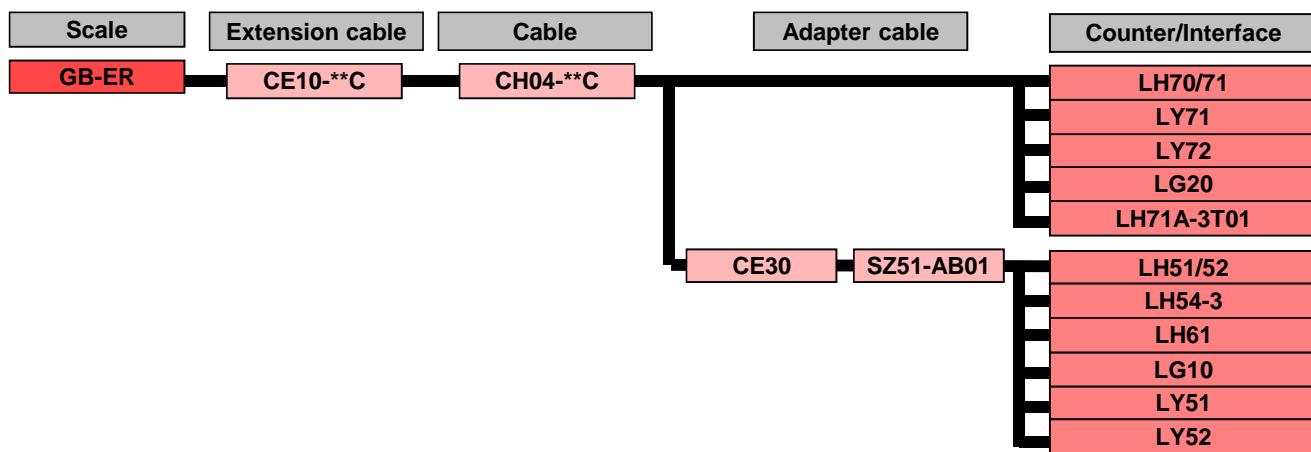
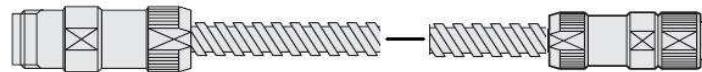
GB-ER



CH04-**C



CE10-**C



GB-ER (SR138 + CH04-**C) Series

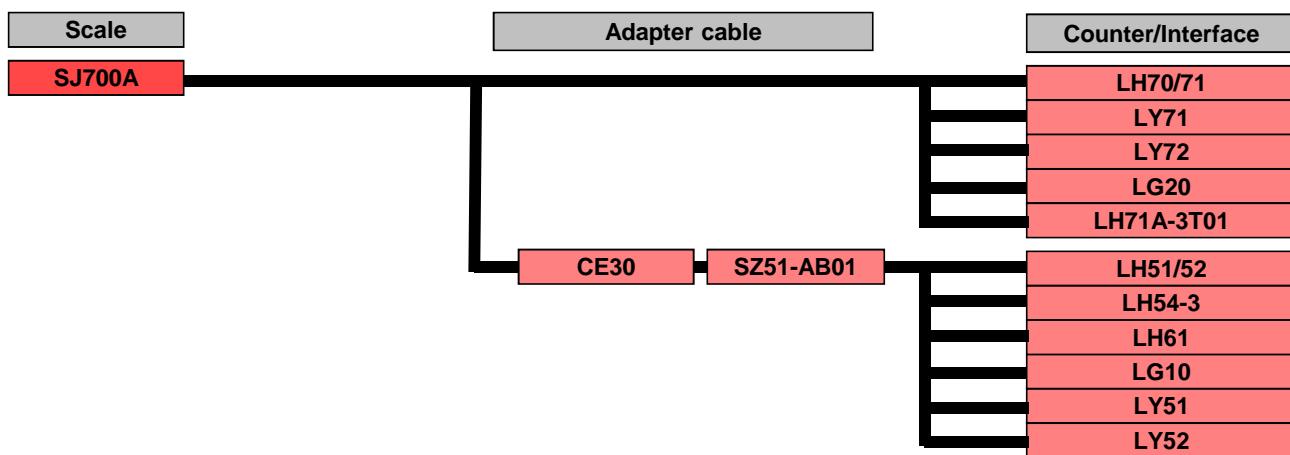
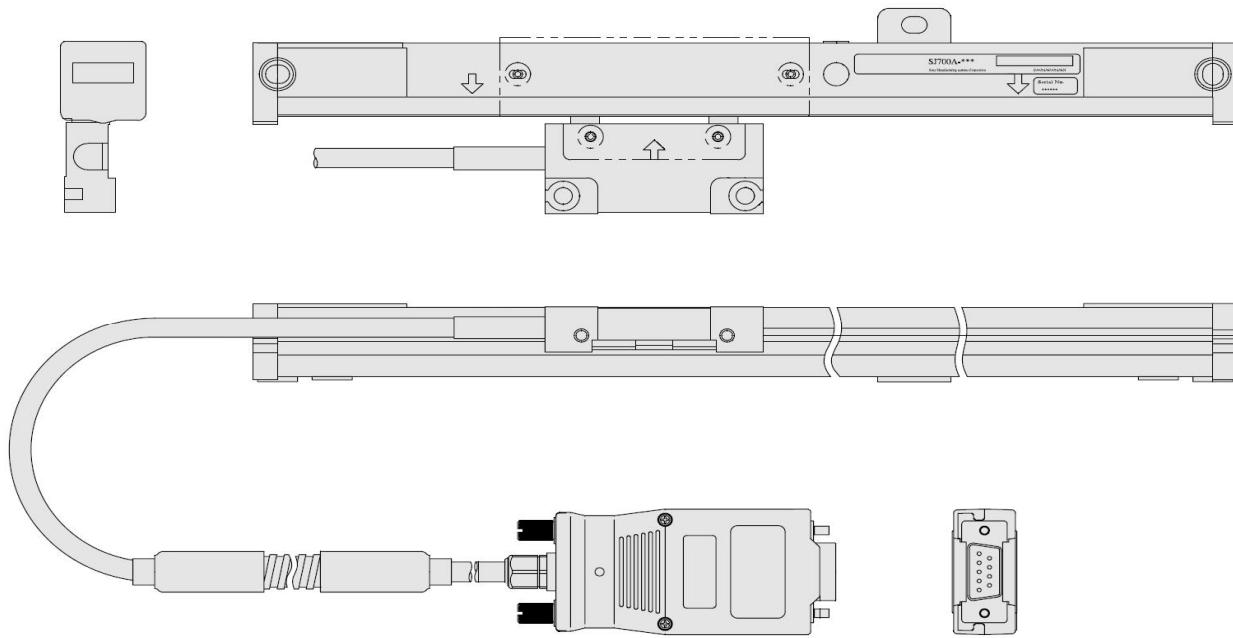
GB

Product code	Product	Type	SRP
97928518	GB-5ER	3m cable; ML*: 50mm	450,00 €
97928519	GB-10ER	3m cable; ML*: 100mm	450,00 €
97928520	GB-15ER	3m cable; ML*: 150mm	450,00 €
97928521	GB-20ER	3m cable; ML*: 200mm	450,00 €
97928522	GB-25ER	3m cable; ML*: 250mm	450,00 €
97928523	GB-30ER	3m cable; ML*: 300mm	450,00 €
97928524	GB-35ER	3m cable; ML*: 350mm	450,00 €
97928525	GB-40ER	3m cable; ML*: 400mm	500,00 €
97928526	GB-45ER	3m cable; ML*: 450mm	539,00 €
97928527	GB-50ER	3m cable; ML*: 500mm	580,00 €
97928528	GB-55ER	3m cable; ML*: 550mm	622,00 €
97928529	GB-60ER	3m cable; ML*: 600mm	662,00 €
97928530	GB-65ER	3m cable; ML*: 650mm	703,00 €
97928531	GB-75ER	3m cable; ML*: 750mm	785,00 €
97928532	GB-85ER	3m cable; ML*: 850mm	876,00 €
97928533	GB-95ER	3m cable; ML*: 950mm	980,00 €
97928534	GB-105ER	3m cable; ML*: 1050mm	1.070,00 €
97928535	GB-125ER	3m cable; ML*: 1250mm	1.237,00 €
97928536	GB-140ER	3m cable; ML*: 1400mm	1.379,00 €
97928537	GB-160ER	3m cable; ML*: 1600mm	1.540,00 €
97928538	GB-185ER	3m cable; ML*: 1850mm	1.772,00 €
97928539	GB-205ER	3m cable; ML*: 2050mm	1.996,00 €
97928540	GB-220ER	3m cable; ML*: 2200mm	2.165,00 €

Product code	Product	Type	SRP
97938729	GB-010ERT01	5m cable; ML*: 100mm	515,00 €
97938730	GB-035ERT01	5m cable; ML*: 350mm	515,00 €
97938731	GB-045ERT01	5m cable; ML*: 450mm	604,00 €
97938738	GB-075ERT01	5m cable; ML*: 750mm	862,00 €
97938732	GB-105ERT01	5m cable; ML*: 1050mm	1.118,00 €
97938733	GB-185ERT01	5m cable; ML*: 1850mm	1.837,00 €

Product code	Product	Type	SRP
97948748	GB-5ERRC	3m cable; ML*: 50mm Cable outlet right	450,00 €
97948749	GB-10ERRC	3m cable; ML*: 100mm Cable outlet right	450,00 €
97948750	GB-15ERRC	3m cable; ML*: 150mm Cable outlet right	450,00 €
97948751	GB-20ERRC	3m cable; ML*: 200mm Cable outlet right	450,00 €
97948752	GB-25ERRC	3m cable; ML*: 250mm Cable outlet right	450,00 €
97948753	GB-30ERRC	3m cable; ML*: 300mm Cable outlet right	450,00 €
97948754	GB-35ERRC	3m cable; ML*: 350mm Cable outlet right	450,00 €
97948755	GB-40ERRC	3m cable; ML*: 400mm Cable outlet right	500,00 €

Product code	Product	Type	SRP
97928564	CH04-03C	Cable for SR138R (3m; armored)	140,00 €
97938706	CH04-05CT01	Cable for SR138R (5m; armored)	169,00 €
97966101	CE10-01C	Extension cable (1m; armored)	121,00 €
97966102	CE10-03C	Extension cable (3m; armored)	121,00 €
97966103	CE10-05C	Extension cable (5m; armored)	144,00 €
97966104	CE10-10C	Extension cable (10m; armored)	222,00 €
97930125	SZ51-AB01	Adapter to connect LH50 series	61,00 €
97928895	CE30	Adapter cable	60,00 €

SJ700A

SJ700A scales with standard cable length			
Product code	Product	Type	SRP
97928710	SJ700A-015	Scale(ML:150mm;3m cable)	338,00 €
97928711	SJ700A-025	Scale(ML:250mm;3m cable)	338,00 €
97928712	SJ700A-035	Scale(ML:350mm;3m cable)	338,00 €
97928713	SJ700A-040	Scale(ML:400mm;3m cable)	349,00 €
97928714	SJ700A-050	Scale(ML:500mm;3m cable)	368,00 €
97928715	SJ700A-065	Scale(ML:650mm;3m cable)	396,00 €
97928716	SJ700A-080	Scale(ML:800mm;3m cable)	426,00 €
97928717	SJ700A-095	Scale(ML:950mm;5m cable)	516,00 €
97928718	SJ700A-105	Scale(ML:1050mm;5m cable)	571,00 €
97928719	SJ700A-125	Scale(ML:1250mm;5m cable)	672,00 €
97928720	SJ700A-140	Scale(ML:1400mm;5m cable)	785,00 €
97928721	SJ700A-160	Scale(ML:1600mm;5m cable)	954,00 €

SJ700A scales with 5m cable length			
Product code	Product	Type	SRP
97949118	SJ700A-01505	Scale(ML:150mm;5m cable)	417,00 €
97949080	SJ700A-02505	Scale(ML:250mm;5m cable)	417,00 €
97949081	SJ700A-03505	Scale(ML:350mm;5m cable)	417,00 €
97949082	SJ700A-04005	Scale(ML:400mm;5m cable)	432,00 €
97949083	SJ700A-05005	Scale(ML:500mm;5m cable)	457,00 €
97950095	SJ700A-06505	Scale(ML:650mm;5m cable)	490,00 €
97949252	SJ700A-08005	Scale(ML:800mm;5m cable)	517,00 €

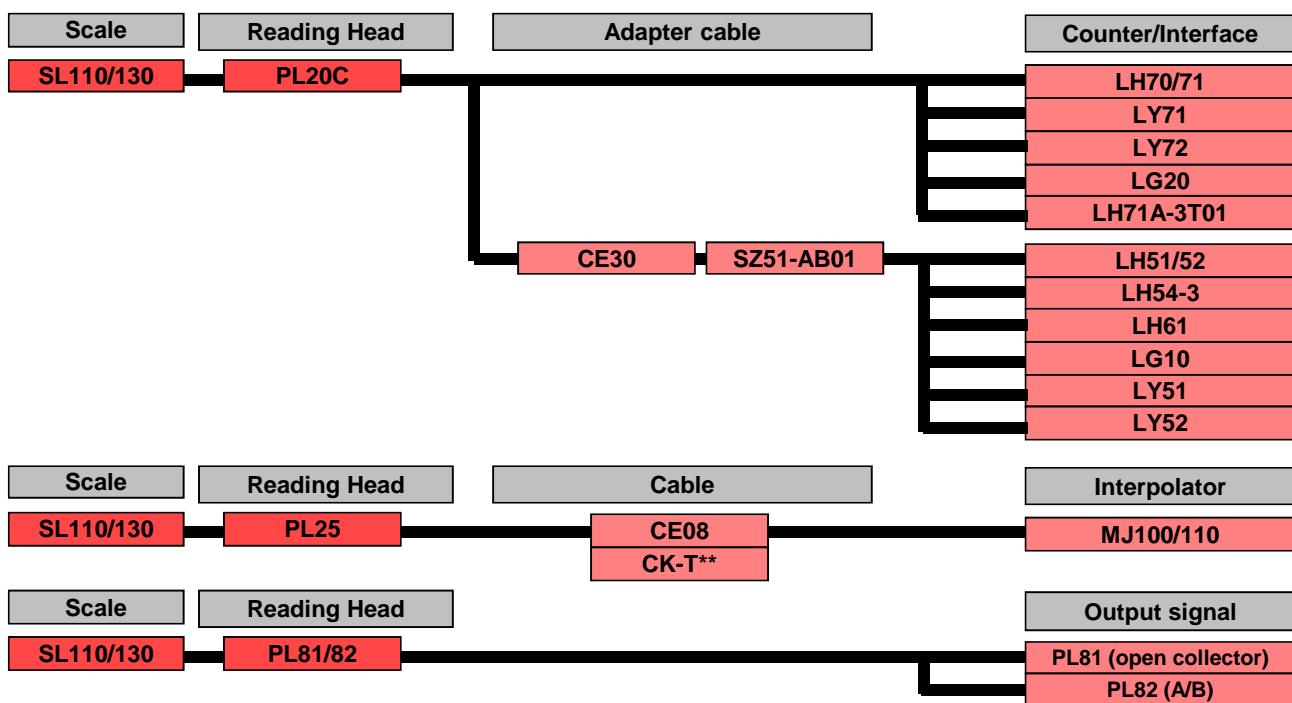
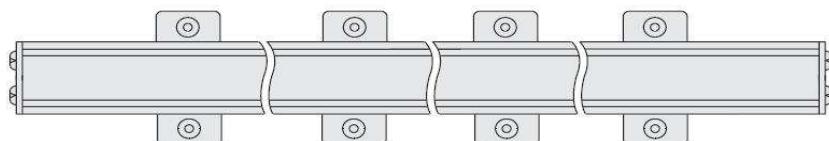
SJ700A scales with 10m cable length			
Product code	Product	Type	SRP
97951272	SJ700A-02510	Scale(ML:250mm;10m cable)	458,00 €
97951269	SJ700A-03510	Scale(ML:350mm;10m cable)	458,00 €
97951273	SJ700A-04010	Scale(ML:400mm;10m cable)	475,00 €
97951270	SJ700A-05010	Scale(ML:500mm;10m cable)	492,00 €
97949856	SJ700A-06510	Scale(ML:650mm;10m cable)	527,00 €
97949504	SJ700A-08010	Scale(ML:800mm;10m cable)	567,00 €
97951476	SJ700A-09510	Scale(ML:950mm;10m cable)	667,00 €
97951024	SJ700A-10510	Scale(ML:1050mm;10m cable)	735,00 €
97951126	SJ700A-12510	Scale(ML:1250mm;10m cable)	908,00 €
97951274	SJ700A-14010	Scale(ML:1400mm;10m cable)	1.024,00 €
97951127	SJ700A-16010	Scale(ML:1600mm;10m cable)	1.200,00 €

Product code	Product	Type	SRP
97930125	SZ51-AB01	Adapter to connect LH50 series	61,00 €
97928895	CE30	Adapter cable	60,00 €

SL130



SL110



SL110/130 Series

SL

Product code	Product	Type	SRP
97910968	SL130-20	ML:200mm	129,00 €
97910969	SL130-30	ML:300mm	129,00 €
97910970	SL130-40	ML:400mm	129,00 €
97910971	SL130-50	ML:500mm	129,00 €
97910972	SL130-60	ML:600mm	145,00 €
97910973	SL130-70	ML:700mm	161,00 €
97910974	SL130-80	ML:800mm	174,00 €
97910964	SL130-100	ML:1m	212,00 €
97910975	SL130-120	ML:1,2m	254,00 €
97910976	SL130-150	ML:1,5m	286,00 €
97910977	SL130-160	ML:1,6m	304,00 €
97910978	SL130-170	ML:1,7m	310,00 €
97910979	SL130-180	ML:1,8m	329,00 €
97910980	SL130-200	ML:2m	366,00 €
97910981	SL130-250	ML:2,5m	445,00 €
97910982	SL130-300	ML:3m	526,00 €
97910983	SL130-400	ML:4m	689,00 €
97910984	SL130-500	ML:5m	845,00 €
97910985	SL130-600	ML:6m	996,00 €
97910986	SL130-700	ML:7m	1.161,00 €
97911007	SL130-800	ML:8m	1.318,00 €
97911008	SL130-900	ML:9m	1.483,00 €
97911009	SL130-1000	ML:10m	1.630,00 €
97990052	SL130-1200L	ML:12m	1.987,00 €
97990219	SL130-1400L	ML:14m	2.317,00 €
97923858	SL130-1500K	ML:15m	2.499,00 €
97911010	SL130-2000	ML:20m	3.319,00 €
97950484	SL130-2200L	ML:22m	3.750,00 €
97911011	SL130-3000	ML:30m	4.872,00 €
97930837	SL130-3000T03	ML:36m	6.575,00 €

Product code	Product	Type	SRP
97910987	SL110-20	ML:200mm	146,00 €
97910988	SL110-30	ML:300mm	146,00 €
97910989	SL110-40	ML:400mm	146,00 €
97910990	SL110-50	ML:500mm	146,00 €
97910991	SL110-60	ML:600mm	159,00 €
97910992	SL110-70	ML:700mm	183,00 €
97910993	SL110-80	ML:800mm	201,00 €
97910965	SL110-100	ML:1m	233,00 €
97910994	SL110-120	ML:1,2m	273,00 €
97910995	SL110-150	ML:1,5m	324,00 €
97910996	SL110-160	ML:1,6m	342,00 €
97910997	SL110-170	ML:1,7m	362,00 €
97910998	SL110-180	ML:1,8m	378,00 €
97910999	SL110-200	ML:2m	414,00 €

Product code	Product	Type	SRP
97930125	SZ51-AB01	Adapter to connect LH50 series	61,00 €
97928895	CE30	Adapter cable	60,00 €

Local purchase part from Yamazen

Product code	Product	Type	YEG Price
000931014	DIGIRULER COVER	Digiruler Cover (2m) each piece	

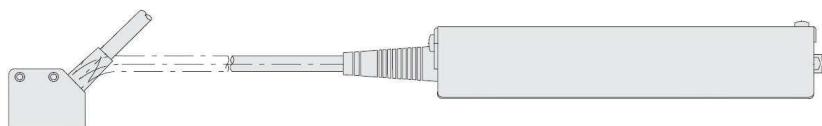
PL20C-**C(Metal armor added)



PL25



PL81/82



Product code	Product	Type	SRP
97928734	PL20C-3	3m Cable	274,00 €
97928735	PL20C-5	5m Cable	293,00 €
97928736	PL20C-10	10m Cable	380,00 €
97928737	PL20C-15	15m Cable	467,00 €
97928738	PL20C-20	20m Cable	520,00 €
97928739	PL20C-30	30m Cable	695,00 €
97928740	PL20C-3C	3m armor Cable	319,00 €
97928741	PL20C-5C	5m armor Cable	363,00 €
97928742	PL20C-10C	10m armor Cable	565,00 €
97928743	PL20C-15C	15m armor Cable	765,00 €
97928744	PL20C-20C	20m armor Cable	931,00 €

Product code	Product	Type	SRP
97958301	PL25-3	3m Cable	302,00 €

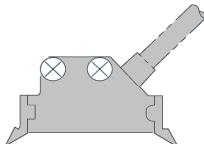
Product code	Product	Type	SRP
97969801	PL81-3	Reading head with 3m Cable (Open collector output)	350,00 €
97969802	PL81-5	Reading head with 5m Cable (Open collector output)	383,00 €
97969803	PL81-7	Reading head with 7m Cable (Open collector output)	424,00 €
97969804	PL81-A	Reading head with 10m Cable (Open collector output)	483,00 €
97969805	PL81-B	Reading head with 15m Cable (Open collector output)	582,00 €
97951037	PL82-L0A	Reading head with 0,5m Cable (differential line driver output)	399,00 €
97969901	PL82-3	Reading head with 3m Cable (differential line driver output)	399,00 €
97969902	PL82-5	Reading head with 5m Cable (differential line driver output)	431,00 €
97969903	PL82-7	Reading head with 7m Cable (differential line driver output)	474,00 €
97969904	PL82-A	Reading head with 10m Cable (differential line driver output)	532,00 €
97969905	PL82-B	Reading head with 15m Cable (differential line driver output)	632,00 €

Accessories for Reading heads for SL110/130

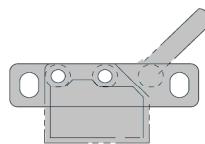
PL

Accessories for PL81/82

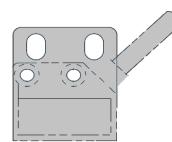
- SZ11: Wiper (for PL81/ 82)



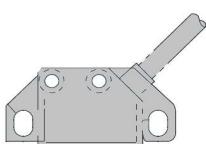
- SZ12: Attachment (for PL81/ 82)



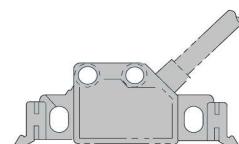
- SZ13: Attachment (for PL81/ 82)



- SZ14: Attachment (for PL81/ 82)



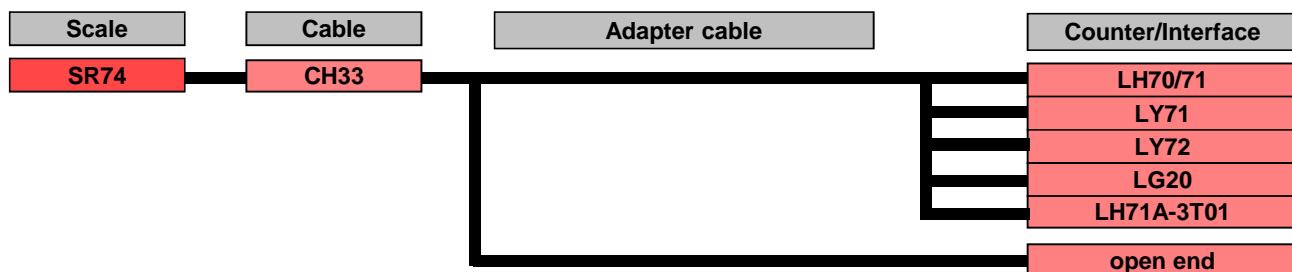
- SZ15: Attachment (for PL81/ 82)



Product code	Product	Type	SRP
97970101	SZ11	Wiper for PL81/82	19,00 €
97970201	SZ12	Long Mounting Bar for PL81/82	16,00 €
97970301	SZ13	Short Mounting Bar for PL81/82	16,00 €
97970401	SZ14	Mounting Adapter for PL81/82 (inst. of PL20)	16,00 €
97970501	SZ15	Mounting Adapter with Wiper for PL81/82 (inst. of PL20)	26,00 €

Product code	Product	Type	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €

Product code	Product	Type	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €



SR74-□□□★○△■□□□

<Measuring length by cm>

<Cable out direction>

R:right, L:left

<Accuracy grade>

A: 5+5L/1000μm

S: 3+3L/1000μm

L: Measuring length by mm

<Resolution and direction>

Description	Resolution	Direction
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

<Minimum phase difference>

Description	Phase Difference(ns)	Description	Phase Difference(ns)
A	50	H	500
B	100	J	650
C	150	K	1000
D	200	L	1250
E	250	M	2500
F	300	N	3000
G	400		

<Ref. point position>

Single reference point position shown by mm from left end of Measuring leng
e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet

e.g. 1050mm = A50

1,000~1,099mm A 1,700~1,799mm H

1,100~1,199mm B 1,800~1,899mm J

1,200~1,299mm C 1,900~1,999mm K

1,300~1,399mm D 2,000~2,040mm L

1,400~1,499mm E

1,500~1,599mm F

1,600~1,699mm G

Specific mark : X = center, Y=multi point, Z=reference mark

<Example>

SR74-062LACB045

ML:620mm, Cable out :Left, Accuracy: 5+5L/1000

Resolution:0.1μm, Direction: +

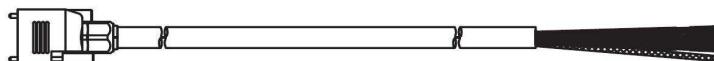
Mim.phase direction: 100ns

Refelence mark : 45mm from left end of Measure

Product	Accuracy	5+5ML/1000µm p-p (A)				3+3ML/1000µm p-p (S)		
	Resolution	1.0µm/0.5µm E/K / D/J	0.1µm C/H	0.05µm B/G	1.0µm/0.5µm E/K / D/J	0.1µm C/H	0.05µm B/G	
Model name	ML (mm)	SRP	SRP	SRP	SRP	SRP	SRP	SRP
SR74-007	70	618 €	727 €	761 €	676 €	796 €		829 €
SR74-012	120	618 €	727 €	761 €	676 €	796 €		829 €
SR74-017	170	618 €	727 €	761 €	676 €	796 €		829 €
SR74-022	220	618 €	727 €	761 €	676 €	796 €		829 €
SR74-027	270	618 €	727 €	761 €	676 €	796 €		829 €
SR74-032	320	666 €	784 €	818 €	726 €	853 €		888 €
SR74-037	370	715 €	843 €	876 €	774 €	911 €		947 €
SR74-042	420	765 €	901 €	934 €	824 €	970 €		1.005 €
SR74-047	470	814 €	958 €	993 €	873 €	1.027 €		1.062 €
SR74-052	520	864 €	1.017 €	1.052 €	922 €	1.085 €		1.120 €
SR74-057	570	911 €	1.072 €	1.115 €	975 €	1.146 €		1.179 €
SR74-062	620	962 €	1.132 €	1.167 €	1.021 €	1.202 €		1.236 €
SR74-072	720	1.062 €	1.248 €	1.284 €	1.120 €	1.319 €		1.353 €
SR74-077	770	1.125 €	1.324 €	1.324 €	1.125 €	1.324 €		1.324 €
SR74-082	820	1.188 €	1.398 €	1.433 €	1.247 €	1.467 €		1.502 €
SR74-092	920	1.317 €	1.547 €	1.582 €	1.374 €	1.617 €		1.651 €
SR74-102	1020	1.399 €	1.647 €	1.681 €	1.459 €	1.717 €		1.751 €
SR74-114	1140	1.501 €	1.767 €	1.801 €	1.561 €	1.835 €		1.870 €
SR74-124	1240	1.586 €	1.866 €	1.900 €	1.645 €	1.935 €		1.970 €
SR74-134	1340	1.671 €	1.966 €	2.000 €	1.729 €	2.035 €		2.070 €
SR74-144	1440	1.755 €	2.066 €	2.100 €	1.815 €	2.135 €		2.169 €
SR74-154	1540	1.862 €	2.190 €	2.226 €	1.921 €	2.259 €		2.293 €
SR74-164	1640	1.968 €	2.314 €	2.349 €	2.027 €	2.383 €		2.417 €
SR74-174	1740	2.073 €	2.440 €	2.474 €	2.132 €	2.508 €		2.543 €
SR74-184	1840	2.179 €	2.563 €	2.597 €	2.238 €	2.632 €		2.667 €
SR74-204	2040	2.358 €	2.774 €	2.809 €	2.417 €	2.844 €		2.878 €

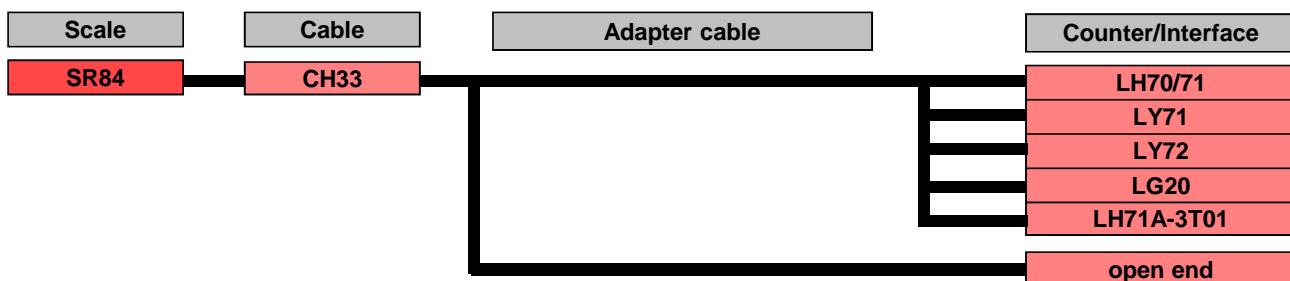


Product code	Product	Type	SRP
97950946	CH33-03CPD	3m cable / armor / PVC / Sub-D 9 pin	59,00 €
97950956	CH33-05CPD	5m cable / armor / PVC / Sub-D 9 pin	103,00 €
97950957	CH33-10CPD	10m cable / armor / PVC / Sub-D 9 pin	204,00 €
97950958	CH33-15CPD	15m cable / armor / PVC / Sub-D 9 pin	299,00 €
97950959	CH33-03CED	3m cable / armor / PU / Sub-D 9 pin	84,00 €
97950960	CH33-05CED	5m cable / armor / PU / Sub-D 9 pin	140,00 €
97950961	CH33-10CED	10m cable / armor / PU / Sub-D 9 pin	284,00 €
97950962	CH33-15CED	15m cable / armor / PU / Sub-D 9 pin	408,00 €



Product code	Product	Type	SRP
97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529	CH33-15NP	15m cable / PVC / open end	163,00 €
97950627	CH33-03NE	3m cable / PU / open end	64,00 €
97950461	CH33-05NE	5m cable / PU / open end	107,00 €
97950798	CH33-10NE	10m cable / PU / open end	191,00 €
97948055	CH33-15NE	15m cable / PU / open end	284,00 €

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €



SR84-□□□★○△■□□□

<Measuring length by cm>

<Cable out direction>
R:right, L:left

<Accuracy grade>
A: 5+5L/1000um
S: 3+3L/1000um
L: Measuring length by mm

<Resolution and direction>

Description	Resolution	Direction
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

<Minimum phase difference>

Description	Phase Difference(ns)	Description	Phase Difference(ns)
A	50	H	500
B	100	J	650
C	150	K	1000
D	200	L	1250
E	250	M	2500
F	300	N	3000
G	400		

<Ref. point position>

Single reference point position shown by mm from left end of Measuring leng:
e.g. 850mm = 850
For 1000mm or longer, 2 left digits shown by alphabet
e.g. 1050mm = A50

1,000~1,099mm	A	2,100~2,199mm	M
1,100~1,199mm	B	2,200~2,299mm	N
1,200~1,299mm	C	2,300~2,399mm	P
1,300~1,399mm	D	2,400~2,499mm	Q
1,400~1,499mm	E	2,500~2,599mm	R
1,500~1,599mm	F	2,600~2,699mm	S
1,600~1,699mm	G	2,700~2,799mm	T
1,700~1,799mm	H	2,800~2,899mm	U
1,800~1,899mm	J	2,900~2,999mm	V
1,900~1,999mm	K	3,000~3,040mm	W
2,000~2,099mm	L		

Specific mark : X = center, Y=multi point, Z=reference mark

<Example>

SR84-062LACB045

ML:620mm, Cable out :Left, Accuracy: 5+5L/1000

Resolution:0.1μm, Direction: +

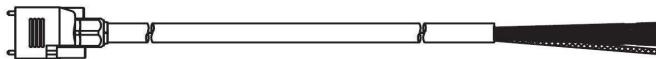
Mim.phase direction: 100ns

Refelence mark : 45mm from left end of Measure

Product	Accuracy	5+5ML/1000µm p-p (A)			3+3ML/1000µm p-p (S)		
	Resolution	1.0µm/0.5µm E/K / D/J	0.1µm C/H	0.05µm B/G	1.0µm/0.5µm E/K / D/J	0.1µm C/H	0.05µm B/G
Model name	ML (mm)	SRP	SRP	SRP	SRP	SRP	SRP
SR84-014	140	597 €	702 €	735 €	654 €	768 €	802 €
SR84-024	240	597 €	702 €	735 €	654 €	768 €	802 €
SR84-034	340	663 €	758 €	792 €	701 €	825 €	859 €
SR84-044	440	740 €	870 €	904 €	797 €	936 €	971 €
SR84-054	540	835 €	982 €	1.016 €	891 €	1.050 €	1.082 €
SR84-064	640	930 €	1.094 €	1.128 €	986 €	1.162 €	1.194 €
SR84-074	740	1.025 €	1.207 €	1.240 €	1.082 €	1.274 €	1.307 €
SR84-084	840	1.149 €	1.352 €	1.385 €	1.206 €	1.419 €	1.451 €
SR84-094	940	1.271 €	1.496 €	1.530 €	1.329 €	1.563 €	1.596 €
SR84-104	1040	1.354 €	1.592 €	1.625 €	1.410 €	1.659 €	1.692 €
SR84-114	1140	1.448 €	1.704 €	1.736 €	1.512 €	1.779 €	1.812 €
SR84-124	1240	1.494 €	1.757 €	1.790 €	1.550 €	1.824 €	1.857 €
SR84-134	1340	1.615 €	1.899 €	1.933 €	1.672 €	1.968 €	2.000 €
SR84-144	1440	1.697 €	1.996 €	1.996 €	1.697 €	1.996 €	1.996 €
SR84-154	1540	1.799 €	2.117 €	2.149 €	1.856 €	2.184 €	2.216 €
SR84-164	1640	1.900 €	2.238 €	2.271 €	1.958 €	2.304 €	2.338 €
SR84-174	1740	2.003 €	2.357 €	2.391 €	2.060 €	2.424 €	2.457 €
SR84-184	1840	2.105 €	2.478 €	2.511 €	2.162 €	2.544 €	2.579 €
SR84-204	2040	2.281 €	2.683 €	2.716 €	2.338 €	2.748 €	2.783 €
SR84-224	2240	2.454 €	2.887 €	2.921 €	2.511 €	2.954 €	2.988 €
SR84-244	2440	2.645 €	3.111 €	3.146 €	2.701 €	3.178 €	3.212 €
SR84-264	2640	2.835 €	3.334 €	3.369 €	2.892 €	3.403 €	3.435 €
SR84-284	2840	3.024 €	3.559 €	3.592 €	3.082 €	3.627 €	3.659 €
SR84-304	3040	3.216 €	3.783 €	3.816 €	3.272 €	3.851 €	3.883 €

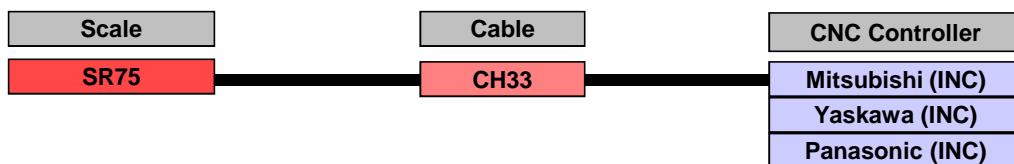


Product code	Product	Type	SRP
97950946	CH33-03CPD	3m cable / armor / PVC / Sub-D 9 pin	59,00 €
97950956	CH33-05CPD	5m cable / armor / PVC / Sub-D 9 pin	103,00 €
97950957	CH33-10CPD	10m cable / armor / PVC / Sub-D 9 pin	204,00 €
97950958	CH33-15CPD	15m cable / armor / PVC / Sub-D 9 pin	299,00 €
97950959	CH33-03CED	3m cable / armor / PU / Sub-D 9 pin	84,00 €
97950960	CH33-05CED	5m cable / armor / PU / Sub-D 9 pin	140,00 €
97950961	CH33-10CED	10m cable / armor / PU / Sub-D 9 pin	284,00 €
97950962	CH33-15CED	15m cable / armor / PU / Sub-D 9 pin	408,00 €



Product code	Product	Type	SRP
97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529	CH33-15NP	15m cable / PVC / open end	163,00 €
97950627	CH33-03NE	3m cable / PU / open end	64,00 €
97950461	CH33-05NE	5m cable / PU / open end	107,00 €
97950798	CH33-10NE	10m cable / PU / open end	191,00 €
97948055	CH33-15NE	15m cable / PU / open end	284,00 €

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €



SR75-□□□★○△■□□□

<Measuring length by cm>

<Cable out direction>

R:right, L:left

<Accuracy grade>

A:5+5L/1000μm

S:3+3L/1000μm

L:Measuring length by mm

<Resolution and direction>

For MITSUBISHI

Description	Resolution	Direction
A	0.01	+
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
F	0.01	-
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

Description for MITSUBISHI is only A~C

Description for Panasonic is only B,C,D,E

For YASKAWA

Description Division Direction

□ L	1/8192	+
□ M	1/1024	+
□ P	1/8192	-
□ Q	1/1024	-

<Communication protocol>

Discription	NC Maker	Wire num.
B	MITSBISHI	2
D	MITSBISHI	4
F	YASUKAWA	2
H	Panasonic	2

<Ref. point position>

Single reference point position shown by mm from left end of Measuring length

e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet

e.g. 1050mm = A50

1,000~1,099mm A 1,700~1,799mm H

1,100~1,199mm B 1,800~1,899mm J

1,200~1,299mm C 1,900~1,999mm K

1,300~1,399mm D 2,000~2,040mm L

1,400~1,499mm E

1,500~1,599mm F

1,600~1,699mm G

Specific mark : X = center,

<Example>

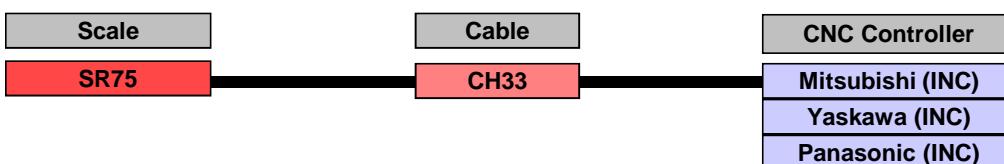
SR75-062LACB045

ML:620mm, Cable out :Left, Accuracy: 5+5L/1000

Resolution:0.1μm, Direction: +

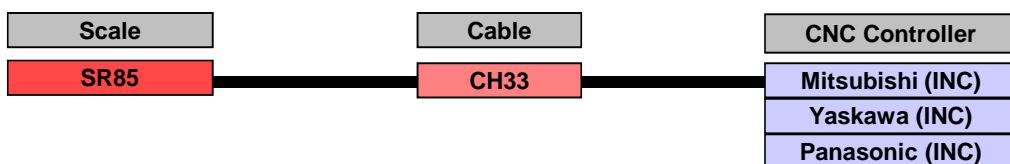
Communication protocol: MITSUBISHI 2wire

Refelence mark : 45mm from left end of Measure



Product	Accuracy	5+5L/1000 µm p-p		3+3L/1000 µm p-p	
	Resolution	1.0/0.5/0.1 µm	0.05/0.01 µm	1.0/0.5/0.1 µm	0.05/0.01 µm
	ML: (mm)	SRP	SRP	SRP	SRP
SR75-007	70	781 €	815 €	851 €	885 €
SR75-012	120	781 €	815 €	851 €	885 €
SR75-017	170	781 €	815 €	851 €	885 €
SR75-022	220	781 €	815 €	851 €	885 €
SR75-027	270	781 €	815 €	851 €	885 €
SR75-032	320	839 €	874 €	909 €	944 €
SR75-037	370	899 €	932 €	967 €	1.002 €
SR75-042	420	956 €	989 €	1.024 €	1.060 €
SR75-047	470	1.014 €	1.049 €	1.083 €	1.118 €
SR75-052	520	1.072 €	1.107 €	1.141 €	1.176 €
SR75-057	570	1.125 €	1.168 €	1.200 €	1.232 €
SR75-062	620	1.188 €	1.223 €	1.257 €	1.291 €
SR75-072	720	1.304 €	1.338 €	1.374 €	1.408 €
SR75-077	770	1.379 €	1.413 €	1.447 €	1.482 €
SR75-082	820	1.452 €	1.489 €	1.522 €	1.557 €
SR75-092	920	1.603 €	1.638 €	1.672 €	1.707 €
SR75-102	1020	1.703 €	1.737 €	1.772 €	1.806 €
SR75-114	1140	1.822 €	1.856 €	1.891 €	1.926 €
SR75-124	1240	1.922 €	1.956 €	1.991 €	2.026 €
SR75-134	1340	2.022 €	2.055 €	2.091 €	2.126 €
SR75-144	1440	2.122 €	2.155 €	2.190 €	2.226 €
SR75-154	1540	2.245 €	2.280 €	2.314 €	2.349 €
SR75-164	1640	2.369 €	2.405 €	2.440 €	2.474 €
SR75-174	1740	2.494 €	2.529 €	2.563 €	2.597 €
SR75-184	1840	2.619 €	2.654 €	2.688 €	2.722 €
SR75-204	2040	2.831 €	2.864 €	2.900 €	2.935 €

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €



SR85-□□□★○△■□□□

<Measuring length by cm>

<Cable out direction>

R:right, L:left

<Accuracy grade>

A: 5+5L/1000um

S: 3+3L/1000um

L: Measuring length by mm

<Resolution and direction>

For MITSUBISHI

Description	Resolution	Direction
A	0.01	+
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
F	0.01	-
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

Description for MITSUBISHI is only A~C

Description for Panasonic is only B,C,D,E

For YASKAWA

Description Division Direction

<input type="checkbox"/>	L	1/8192	+
<input type="checkbox"/>	M	1/1024	+
<input type="checkbox"/>	P	1/8192	-
<input type="checkbox"/>	Q	1/1024	-

<Ref. point position>

Single reference point position shown by mm from left end of Measuring length
e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet

e.g.1050mm = A50

1,000~1,099mm	A	2,100~2,199mm	M
1,100~1,199mm	B	2,200~2,299mm	N
1,200~1,299mm	C	2,300~2,399mm	P
1,300~1,399mm	D	2,400~2,499mm	Q
1,400~1,499mm	E	2,500~2,599mm	R
1,500~1,599mm	F	2,600~2,699mm	S
1,600~1,699mm	G	2,700~2,799mm	T
1,700~1,799mm	H	2,800~2,899mm	U
1,800~1,899mm	J	2,900~2,999mm	V
1,900~1,999mm	K	3,000~3,040mm	W
2,000~2,099mm	L		

Specific mark : X = center,

<Example>

SR85-064LACB045

ML:640mm, Cable out :Left, Accuracy: 5+5L/1000

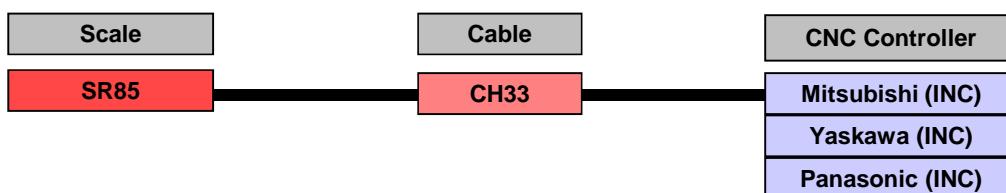
Resolution:0.1μm, Direction: +

Communication protocol: MITSUBISHI 2wire

Reference mark : 45mm from left end of Measure

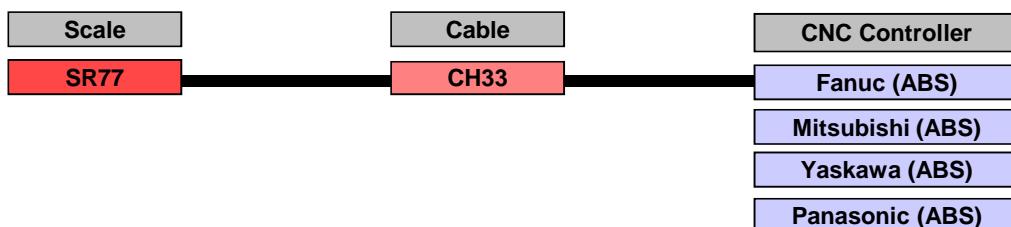
<Communication protocol>

Discription	NC Maker	Wire num.
B	MITSBISHI	2
D	MITSBISHI	4
F	YASUKAWA	2
H	Panasonic	2



Product name*	Accuracy	5+5L/1000 µm p-p		3+3L/1000 µm p-p	
	Resolution	1.0/0.5/0.1µm	0.05/0.01µm	1.0/0.5/0.1µm	0.05/0.01µm
	ML: (mm)	SRP	SRP	SRP	SRP
SR85-014	140	756 €	789 €	821 €	855 €
SR85-024	240	756 €	789 €	821 €	855 €
SR85-034	340	811 €	845 €	878 €	912 €
SR85-044	440	923 €	957 €	989 €	1.024 €
SR85-054	540	1.036 €	1.070 €	1.104 €	1.135 €
SR85-064	640	1.149 €	1.182 €	1.216 €	1.248 €
SR85-074	740	1.261 €	1.294 €	1.328 €	1.361 €
SR85-084	840	1.405 €	1.438 €	1.471 €	1.506 €
SR85-094	940	1.549 €	1.583 €	1.616 €	1.649 €
SR85-104	1.040	1.646 €	1.679 €	1.713 €	1.746 €
SR85-114	1.140	1.757 €	1.789 €	1.832 €	1.865 €
SR85-124	1.240	1.812 €	1.844 €	1.878 €	1.911 €
SR85-134	1.340	1.953 €	1.987 €	2.021 €	2.054 €
SR85-144	1.440	2.050 €	2.050 €	2.050 €	2.050 €
SR85-154	1.540	2.171 €	2.203 €	2.238 €	2.271 €
SR85-164	1.640	2.290 €	2.324 €	2.357 €	2.391 €
SR85-174	1.740	2.411 €	2.445 €	2.478 €	2.511 €
SR85-184	1.840	2.531 €	2.564 €	2.597 €	2.632 €
SR85-204	2.040	2.736 €	2.769 €	2.802 €	2.836 €
SR85-224	2.240	2.941 €	2.975 €	3.008 €	3.042 €
SR85-244	2.440	3.164 €	3.198 €	3.231 €	3.265 €
SR85-264	2.640	3.388 €	3.422 €	3.457 €	3.489 €
SR85-284	2.840	3.612 €	3.645 €	3.680 €	3.713 €
SR85-304	3.040	3.837 €	3.869 €	3.903 €	3.936 €

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €



SR77-□□□★○△■□□□

<Measuring length by cm>

<Cable out direction>

R:right, L:left

<Accuracy grade>

A: 5+5L/1000μm

S: 3+3L/1000μm

L: Measuring length by mm

<Resolution and direction>

For FANUC, MITSUBISHI, Panasonic

Description	Resolution	Direction
A	0.01	+
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
F	0.01	-
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

Description for MITSUBISHI is only A~C

Description for Panasonic is only B, C, D, E

For YASKAWA

Description	Division	Direction
□ L	1/8192	+
□ M	1/1024	+

<Zero point position>

Zero point position shown by mm from left end of Measuring length
e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet

e.g. 1050mm = A50

1,000~1,099mm A 1,700~1,799mm H

1,100~1,199mm B 1,800~1,899mm J

1,200~1,299mm C 1,900~1,999mm K

1,300~1,399mm D 2,000~2,040mm L

1,400~1,499mm E

1,500~1,599mm F

1,600~1,699mm G

Specific mark : X = center

<Communication protocol>

Description	NC Maker	Wire
		num.
□ A	FANUC	4
□ B	MITSUBISHI	2
□ D	MITSUBISHI	4
□ F	YASKAWA	2
□ H	Panasonic	2

<Example>

SR77-012RSADX

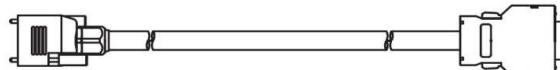
ML:120mm, Cable out :Right, Accuracy: 3+3L/1000

Resolution:0.01μm, Direction: +

Protocol : MITSUBISHI : 4wire

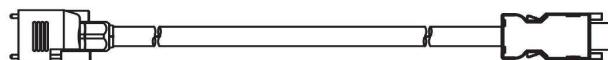
Zero point position: Center of measuring length

Product name	Accuracy	5+5ML/1000µm p-p (A)		3+3ML/1000µm p-p (S)	
		1.0/0.5/0.1µm E/K-D/J-C/H M	0.05/0.01µm B/G-A/F L	1.0/0.5/0.1µm E/K-D/J-C/H M	0.05/0.01µm B/G-A/F L
	ML: (mm)	SRP	SRP	SRP	SRP
SR77-007	70	781 €	815 €	851 €	885 €
SR77-012	120	781 €	815 €	851 €	885 €
SR77-017	170	781 €	815 €	851 €	885 €
SR77-022	220	781 €	815 €	851 €	885 €
SR77-027	270	781 €	815 €	851 €	885 €
SR77-032	320	839 €	874 €	909 €	944 €
SR77-037	370	899 €	932 €	967 €	1.002 €
SR77-042	420	956 €	989 €	1.024 €	1.060 €
SR77-047	470	1.014 €	1.049 €	1.083 €	1.118 €
SR77-052	520	1.072 €	1.107 €	1.141 €	1.176 €
SR77-057	570	1.125 €	1.168 €	1.200 €	1.232 €
SR77-062	620	1.188 €	1.223 €	1.257 €	1.291 €
SR77-072	720	1.304 €	1.338 €	1.374 €	1.408 €
SR77-077	770	1.379 €	1.413 €	1.447 €	1.482 €
SR77-082	820	1.452 €	1.489 €	1.522 €	1.557 €
SR77-092	920	1.603 €	1.638 €	1.672 €	1.707 €
SR77-102	1.020	1.703 €	1.737 €	1.772 €	1.806 €
SR77-114	1.140	1.822 €	1.856 €	1.891 €	1.926 €
SR77-124	1.240	1.922 €	1.956 €	1.991 €	2.026 €
SR77-134	1.340	2.022 €	2.055 €	2.091 €	2.126 €
SR77-144	1.440	2.122 €	2.155 €	2.190 €	2.226 €
SR77-154	1.540	2.245 €	2.280 €	2.314 €	2.349 €
SR77-164	1.640	2.369 €	2.405 €	2.440 €	2.474 €
SR77-174	1.740	2.494 €	2.529 €	2.563 €	2.597 €
SR77-184	1.840	2.619 €	2.654 €	2.688 €	2.722 €
SR77-204	2.040	2.831 €	2.864 €	2.900 €	2.935 €



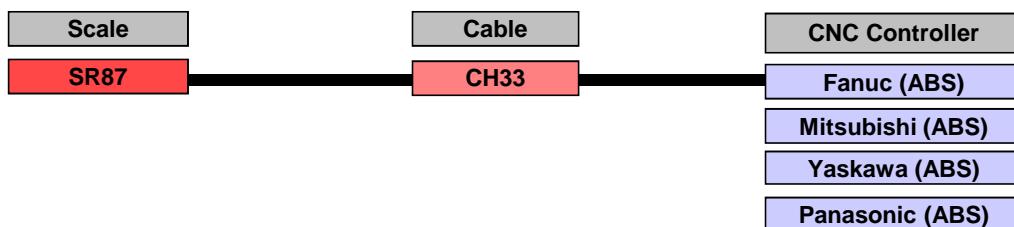
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97948334	CH33-10NEF	PU cable (10m) with Fanuc connector	236,00 €
97948246	CH33-15NEF	PU cable (15m) with Fanuc connector	330,00 €

Product code	Product	Type	SRP
97948811	CH33-03NPF	PVC cable (3m) with Fanuc connector	79,00 €
97948317	CH33-05NPF	PVC cable (5m) with Fanuc connector	99,00 €
97948437	CH33-10NPF	PVC cable (10m) with Fanuc connector	145,00 €
97948439	CH33-18NPF	PVC cable (18m) with Fanuc connector	224,00 €



Product code	Product	Type	SRP
97949354	CH33-03NEG	PU cable (3m) with Panasonic / Yaskawa connector	104,00 €
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €



KEITOKU model name

SR87-□□□★○△■□□□

<Measuring length by cm>

<Cable out direction>
R:right, L:left

<Accuracy grade>
A: 5+5L/1000μm
S: 3+3L/1000μm
L: Measuring length by mm

<Resolution and direction>

For FANUC, MITSUBISHI, Panasonic

Description	Resolution	Direction
<input type="checkbox"/> A	0.01	+
<input type="checkbox"/> B	0.05	+
<input type="checkbox"/> C	0.10	+
<input type="checkbox"/> D	0.50	+
<input type="checkbox"/> E	1.00	+
<input type="checkbox"/> F	0.01	-
<input type="checkbox"/> G	0.05	-
<input type="checkbox"/> H	0.10	-
<input type="checkbox"/> J	0.50	-
<input type="checkbox"/> K	1.00	-

Description for MITSUBISHI is only A~C

Description for Panasonic is only B, C, D, E

For YASKAWA

Description	Division	Direction
<input type="checkbox"/> L	1/8192	+
<input type="checkbox"/> M	1/1024	+

<Zero point position>

Zero point position shown by mm from left end of Measuring length
e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet
e.g. 1050mm = A50

1,000~1,099mm	A	2,100~2,199mm	M
1,100~1,199mm	B	2,200~2,299mm	N
1,200~1,299mm	C	2,300~2,399mm	P
1,300~1,399mm	D	2,400~2,499mm	Q
1,400~1,499mm	E	2,500~2,599mm	R
1,500~1,599mm	F	2,600~2,699mm	S
1,600~1,699mm	G	2,700~2,799mm	T
1,700~1,799mm	H	2,800~2,899mm	U
1,800~1,899mm	J	2,900~2,999mm	V
1,900~1,999mm	K	3,000~3,040mm	W
2,000~2,099mm	L		

Specific mark : X = center

<Example>

SR87-014RSADX

ML:140mm, Cable out :Right, Accuracy:

3+3L/1000

Resolution:0.01μm, Direction: +

Protocol : MITSUBISHI : 4wire

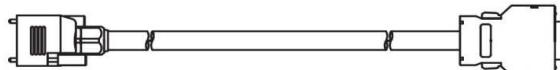
<Communication protocol>

Description	NC Maker	Wire num.
<input type="checkbox"/> A	FANUC	4
<input type="checkbox"/> B	MITSUBISHI	2
<input type="checkbox"/> D	MITSUBISHI	4
<input type="checkbox"/> F	YASKAWA	2
<input type="checkbox"/> H	Panasonic	2

SR87 Series

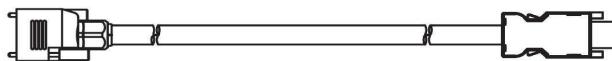
SR

Product name	Accuracy	5+5ML/1000µm p-p (A)		3+3ML/1000µm p-p (S)	
	Resolution	1.0/0.5/0.1µm E/K-D/J-C/H	0.05/0.01µm B/G-A/F	1.0/0.5/0.1µm E/K-D/J-C/H	0.05/0.01µm B/G-A/F
	ML: (mm)	SRP	SRP	SRP	SRP
SR87-014	140	756 €	789 €	821 €	855 €
SR87-024	240	756 €	789 €	821 €	855 €
SR87-034	340	811 €	845 €	878 €	912 €
SR87-044	440	923 €	957 €	989 €	1.024 €
SR87-054	540	1.036 €	1.070 €	1.104 €	1.135 €
SR87-064	640	1.149 €	1.182 €	1.216 €	1.248 €
SR87-074	740	1.261 €	1.294 €	1.328 €	1.361 €
SR87-084	840	1.405 €	1.438 €	1.471 €	1.506 €
SR87-094	940	1.549 €	1.583 €	1.616 €	1.649 €
SR87-104	1.040	1.646 €	1.679 €	1.713 €	1.746 €
SR87-114	1.140	1.757 €	1.789 €	1.832 €	1.865 €
SR87-124	1.240	1.812 €	1.844 €	1.878 €	1.911 €
SR87-134	1.340	1.953 €	1.987 €	2.021 €	2.054 €
SR87-144	1.440	2.050 €	2.080 €	2.111 €	2.142 €
SR87-154	1.540	2.171 €	2.203 €	2.238 €	2.271 €
SR87-164	1.640	2.290 €	2.324 €	2.357 €	2.391 €
SR87-174	1.740	2.411 €	2.445 €	2.478 €	2.511 €
SR87-184	1.840	2.531 €	2.564 €	2.597 €	2.632 €
SR87-204	2.040	2.736 €	2.769 €	2.802 €	2.836 €
SR87-224	2.240	2.941 €	2.975 €	3.008 €	3.042 €
SR87-244	2.440	3.164 €	3.198 €	3.231 €	3.265 €
SR87-264	2.640	3.388 €	3.422 €	3.457 €	3.489 €
SR87-284	2.840	3.612 €	3.645 €	3.680 €	3.713 €
SR87-304	3.040	3.837 €	3.869 €	3.903 €	3.936 €



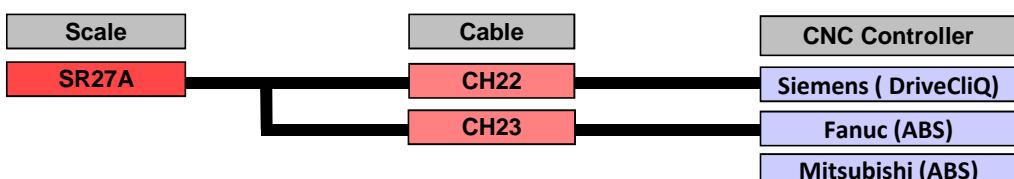
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97948334	CH33-10NEF	PU cable (10m) with Fanuc connector	236,00 €
97948246	CH33-15NEF	PU cable (15m) with Fanuc connector	330,00 €

Product code	Product	Type	SRP
97948811	CH33-03NPF	PVC cable (3m) with Fanuc connector	79,00 €
97948317	CH33-05NPF	PVC cable (5m) with Fanuc connector	99,00 €
97948437	CH33-10NPF	PVC cable (10m) with Fanuc connector	145,00 €
97948439	CH33-18NPF	PVC cable (18m) with Fanuc connector	224,00 €



Product code	Product	Type	SRP
97949354	CH33-03NEG	PU cable (3m) with Panasonic / Yaskawa connector	104,00 €
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €



SR27A-□□□○△■□□□

<Effective length by cm>

<Accuracy grade>

A: 5+5L/1000μm

S: 3+3L/1000μm

<Resolution and direction>

For SIEMENS, FANUC, MITSUBISHI

Description	Resolution	Direction
A	0.01	+
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
F	0.01	-
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

Description for MITSUBISHI is only A~C

Description SIEMENS is only A

<Communication protocol>

Description	NC Maker	Wire num.
A	FANUC	4
B	MITSUBISHI	2
D	MITSUBISHI	4
Z	SIEMENS	2

<Zero point position>

Zero point position shown by mm from left end of effective length
e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet
e.g. 1050mm = A50

1,000~1,099mm	A	1,700~1,799mm	H
1,100~1,199mm	B	1,800~1,899mm	J
1,200~1,299mm	C	1,900~1,999mm	K
1,300~1,399mm	D	2,000~2,040mm	L
1,400~1,499mm	E		
1,500~1,599mm	F		
1,600~1,699mm	G		

Specific mark : X = center

Specific mark : Y = SIEMENS

<Example>

SR27-012SAAY

L:120mm, Accuracy: 3+3L/1000

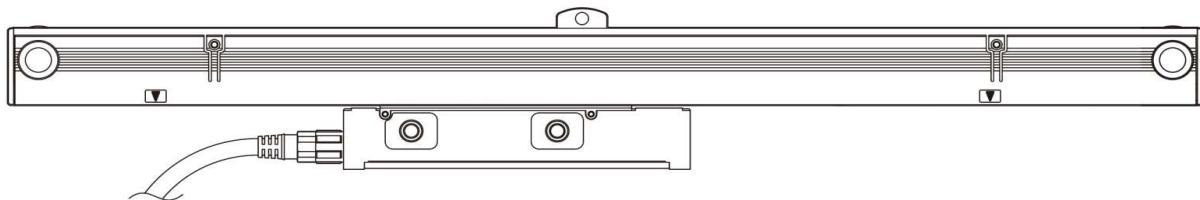
Resolution:0.01μm, Direction: +

Protocol : SIEMENS

Zero point position: SIEMENS

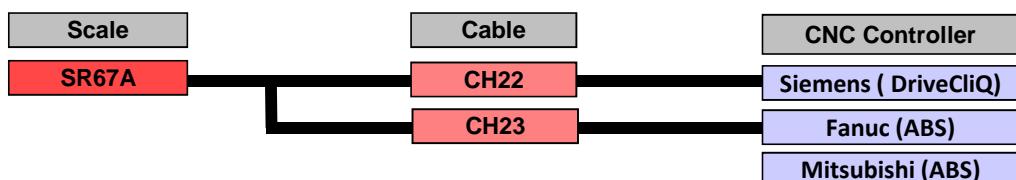
SR27A Series

SR



Product name	Accuracy	5+5ML/1000µm p-p (A)			3+3ML/1000µm p-p (S)		
		0.05/0.01µm AAAX; ABAX Fanuc AADX; ABDX Mitsubishi	0.01µm AAZY Siemens	0.05/0.01µm SAAX; SBAX Fanuc SADX; SBDX Mitsubishi	0.01µm SAZY Siemens		
	ML: (mm)	SRP	SRP	SRP	SRP		
SR27A-007	70	830 €	1.013 €	1.030 €	1.193 €		
SR27A-012	120	830 €	1.013 €	1.030 €	1.193 €		
SR27A-017	170	830 €	1.013 €	1.030 €	1.193 €		
SR27A-022	220	830 €	1.013 €	1.030 €	1.193 €		
SR27A-027	270	830 €	1.013 €	1.030 €	1.193 €		
SR27A-032	320	880 €	1.063 €	1.080 €	1.243 €		
SR27A-037	370	930 €	1.113 €	1.130 €	1.293 €		
SR27A-042	420	980 €	1.163 €	1.180 €	1.343 €		
SR27A-047	470	1.030 €	1.213 €	1.230 €	1.393 €		
SR27A-052	520	1.080 €	1.263 €	1.280 €	1.443 €		
SR27A-057	570	1.130 €	1.313 €	1.330 €	1.493 €		
SR27A-062	620	1.180 €	1.363 €	1.380 €	1.543 €		
SR27A-067	670	1.230 €	1.413 €	1.430 €	1.593 €		
SR27A-072	720	1.280 €	1.463 €	1.480 €	1.643 €		
SR27A-077	770	1.330 €	1.513 €	1.530 €	1.693 €		
SR27A-082	820	1.380 €	1.563 €	1.580 €	1.743 €		
SR27A-092	920	1.480 €	1.663 €	1.690 €	1.863 €		
SR27A-102	1020	1.580 €	1.763 €	1.800 €	1.983 €		
SR27A-114	1140	1.680 €	1.863 €	1.910 €	2.103 €		
SR27A-124	1240	1.780 €	1.963 €	2.020 €	2.223 €		
SR27A-134	1340	1.880 €	2.063 €	2.130 €	2.343 €		
SR27A-144	1440	1.980 €	2.163 €	2.240 €	2.463 €		
SR27A-154	1540	2.080 €	2.263 €	2.350 €	2.583 €		
SR27A-164	1640	2.180 €	2.363 €	2.460 €	2.703 €		
SR27A-174	1740	2.280 €	2.463 €	2.570 €	2.823 €		
SR27A-184	1840	2.380 €	2.563 €	2.680 €	2.943 €		
SR27A-204	2040	2.580 €	2.763 €	2.900 €	3.183 €		

Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €
97929951	SZ24	Mounting Spacer for SR60 Series	47,00 €
97929952	SZ25	Mounting Spacer for SR20/60 Series	47,00 €



SR67A-□□□○△■□□□

<Effective length by cm>

<Accuracy grade>

A: 5+5L/1000um

S: 3+3L/1000um

<Resolution and direction>

For SIEMENS, FANUC, MITSUBISHI

Description	Resolution	Direction
A	0.01	+
B	0.05	+
C	0.10	+
D	0.50	+
E	1.00	+
F	0.01	-
G	0.05	-
H	0.10	-
J	0.50	-
K	1.00	-

Description for MITSUBISHI is only A~C

Description SIEMENS is only A

<Communication protocol>

Descripti on	NC Maker	Wire num.
A	FANUC
B	MITSUBISHI	2
D	MITSUBISHI	4
Z	SIEMENS	2

<Zero point position>

Zero point position shown by mm from left end of effective length
e.g. 850mm = 850

For 1000mm or longer, 2 left digits shown by alphabet
e.g. 1050mm = A50

1,000~1,099mm	A	2,100~2,199mm	M
1,100~1,199mm	B	2,200~2,299mm	N
1,200~1,299mm	C	2,300~2,399mm	P
1,300~1,399mm	D	2,400~2,499mm	Q
1,400~1,499mm	E	2,500~2,599mm	R
1,500~1,599mm	F	2,600~2,699mm	S
1,600~1,699mm	G	2,700~2,799mm	T
1,700~1,799mm	H	2,800~2,899mm	U
1,800~1,899mm	J	2,900~2,999mm	V
1,900~1,999mm	K	3,000~3,040mm	W
2,000~2,999mm	L		

Specific mark : X = center

Specific mark : Y = SIEMENS

Note. The length over 3040 mm only of a center is.

<Example>

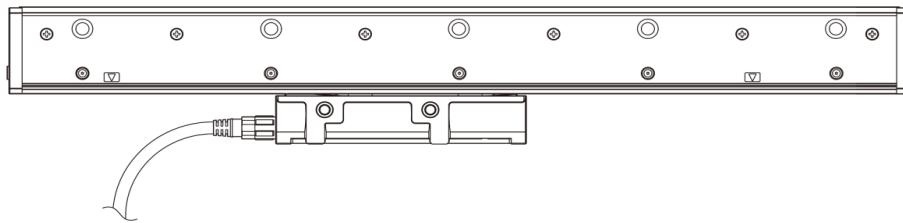
SR67A-014SAAY

L:140mm, Accuracy: 3+3L/1000 μm

Resolution:0.01μm, Direction: +

Protocol : SIEMENS

Zero point position: SIEMENS

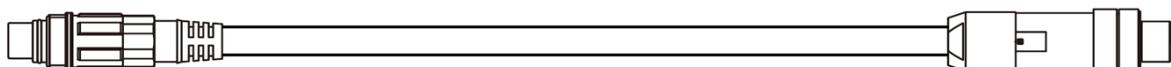


Product name	Accuracy	5+5ML/1000µm p-p (A)		3+3ML/1000µm p-p (S)	
	Resolution	0.05/0.01µm AAAX; ABAX Fanuc AADX; ABDX Mitsubishi	0.01µm AAZY Siemens	0.05/0.01µm SAAX; SBAX Fanuc SADX; SBDX Mitsubishi	0.01µm SAZY Siemens
		ML: (mm)	SRP	SRP	SRP
SR67A-014	140	789 €	989 €	998 €	1.189 €
SR67A-024	240	789 €	989 €	998 €	1.189 €
SR67A-034	340	894 €	1.094 €	1.108 €	1.299 €
SR67A-044	440	999 €	1.199 €	1.218 €	1.409 €
SR67A-054	540	1.104 €	1.304 €	1.328 €	1.519 €
SR67A-064	640	1.209 €	1.409 €	1.438 €	1.629 €
SR67A-074	740	1.314 €	1.514 €	1.548 €	1.739 €
SR67A-084	840	1.419 €	1.619 €	1.658 €	1.849 €
SR67A-094	940	1.524 €	1.724 €	1.768 €	1.959 €
SR67A-104	1040	1.629 €	1.829 €	1.878 €	2.069 €
SR67A-114	1140	1.734 €	1.934 €	1.988 €	2.179 €
SR67A-124	1240	1.839 €	2.039 €	2.098 €	2.289 €
SR67A-134	1340	1.959 €	2.159 €	2.223 €	2.414 €
SR67A-144	1440	2.079 €	2.279 €	2.348 €	2.539 €
SR67A-154	1540	2.199 €	2.399 €	2.473 €	2.664 €
SR67A-164	1640	2.319 €	2.519 €	2.598 €	2.789 €
SR67A-174	1740	2.439 €	2.639 €	2.723 €	2.914 €
SR67A-184	1840	2.559 €	2.759 €	2.873 €	3.064 €
SR67A-204	2040	2.799 €	2.999 €	3.173 €	3.364 €
SR67A-224	2240	3.039 €	3.239 €	3.473 €	3.664 €
SR67A-244	2440	3.279 €	3.479 €	3.773 €	3.964 €
SR67A-264	2640	3.519 €	3.719 €	4.073 €	4.264 €
SR67A-284	2840	3.759 €	3.959 €	4.423 €	4.614 €
SR67A-304	3040	3.999 €	4.199 €	4.773 €	4.964 €
SR67A-324	3240	4.239 €	4.439 €		5.364 €
SR67A-344	3440	4.479 €	4.679 €		5.764 €
SR67A-364	3640	4.719 €	4.919 €		6.164 €

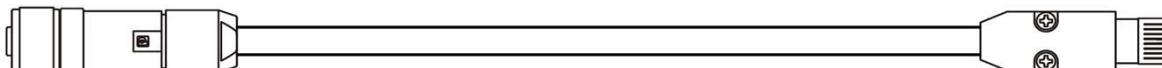
Product code	Product	Type	SRP
97929950	SZ23	Mounting Spacer for SR20/70/80 Series	47,00 €
97929951	SZ24	Mounting Spacer for SR60 Series	47,00 €
97929952	SZ25	Mounting Spacer for SR20/60 Series	47,00 €



Product code	Product	Type	SRP
CH22-010NSMY	1m cable; SR connector to RJ45	105,00 €	
CH22-020NSMY	2m cable; SR connector to RJ45	108,00 €	
CH22-030NSMY	3m cable; SR connector to RJ44	115,00 €	
CH22-040NSMY	4m cable; SR connector to RJ45	124,00 €	
CH22-050NSMY	5m cable; SR connector to RJ45	131,00 €	
CH22-100NSMY	10m cable; SR connector to RJ45	167,00 €	
CH22-150NSMY	15m cable; SR connector to RJ45	201,00 €	



Product code	Product	Type	SRP
CH22-010NSMF	1m cable; SR connector to M12 connector male	135,00 €	
CH22-020NSMF	2m cable; SR connector to M12 connector male	138,00 €	
CH22-050NSMF	5m cable; SR connector to M12 connector male	161,00 €	
CH22-100NSMF	10m cable; SR connector to M12 connector male	197,00 €	



Product code	Product	Type	SRP
CH22-010NSFY	1m cable; Coupling connector M12 female to RJ45	120,00 €	
CH22-020NSFY	2m cable; Coupling connector M12 female to RJ45	123,00 €	
CH22-050NSFY	5m cable; Coupling connector M12 female to RJ45	146,00 €	
CH22-100NSFY	10m cable; Coupling connector M12 female to RJ45	182,00 €	
CH22-005NSFY	0.5m cable; Coupling connector M12 female to RJ45	118,00 €	



Product code	Product	Type:	SRP
CH22-010NSMZ	1m cable; SR connector to RJ45 waterproofed	135,00 €	
CH22-020NSMZ	2m cable; SR connector to RJ45 waterproofed	138,00 €	
CH22-050NSMZ	5m cable; SR connector to RJ45 waterproofed	161,00 €	
CH22-100NSMZ	10m cable; SR connector to RJ45 waterproofed	197,00 €	

Cable price for armed cable
CH22-xxxCxxx SRP+ 15€/m

CH23 Series

CH



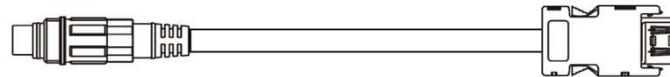
Product code	Product name	Cable length	SRP
CH23-010NVF		1m cable; direct connection SR27/67 to Fanuc CNC	106,00 €
CH23-020NVF		2m cable; direct connection SR27/67 to Fanuc CNC	110,00 €
CH23-030NVF		3m cable; direct connection SR27/67 to Fanuc CNC	117,00 €
CH23-040NVF		4m cable; direct connection SR27/67 to Fanuc CNC	126,00 €
CH23-050NVF		5m cable; direct connection SR27/67 to Fanuc CNC	133,00 €
CH23-100NVF		10m cable; direct connection SR27/67 to Fanuc CNC	168,00 €
CH23-130NVF		13m cable; direct connection SR27/67 to Fanuc CNC	189,00 €



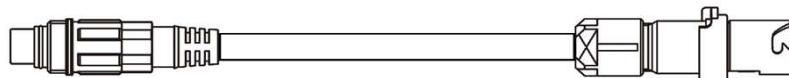
Product code	Product name	Cable length	SRP
CH23-010NVK		Coupling cable 1m; Scale side - coupling connector	106,00 €
CH23-020NVK		Coupling cable 2m; Scale side - coupling connector	110,00 €
CH23-050NVK		Coupling cable 5m; Scale side - coupling connector	133,00 €
CH23-100NVK		Coupling cable 10m; Scale side - coupling connector	168,00 €



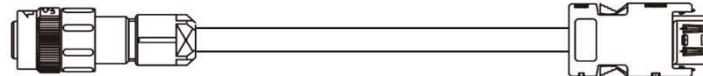
Product code	Product name	Cable length	SRP
CH23-010NPFA		Coupling cable 1m; Coupling connector - Fanuc CNC	193,00 €
CH23-020NPFA		Coupling cable 2m; Coupling connector - Fanuc CNC	196,00 €
CH23-050NPFA		Coupling cable 5m; Coupling connector - Fanuc CNC	219,00 €
CH23-100NPFA		Coupling cable 10 m; Coupling connector - Fanuc CNC	255,00 €



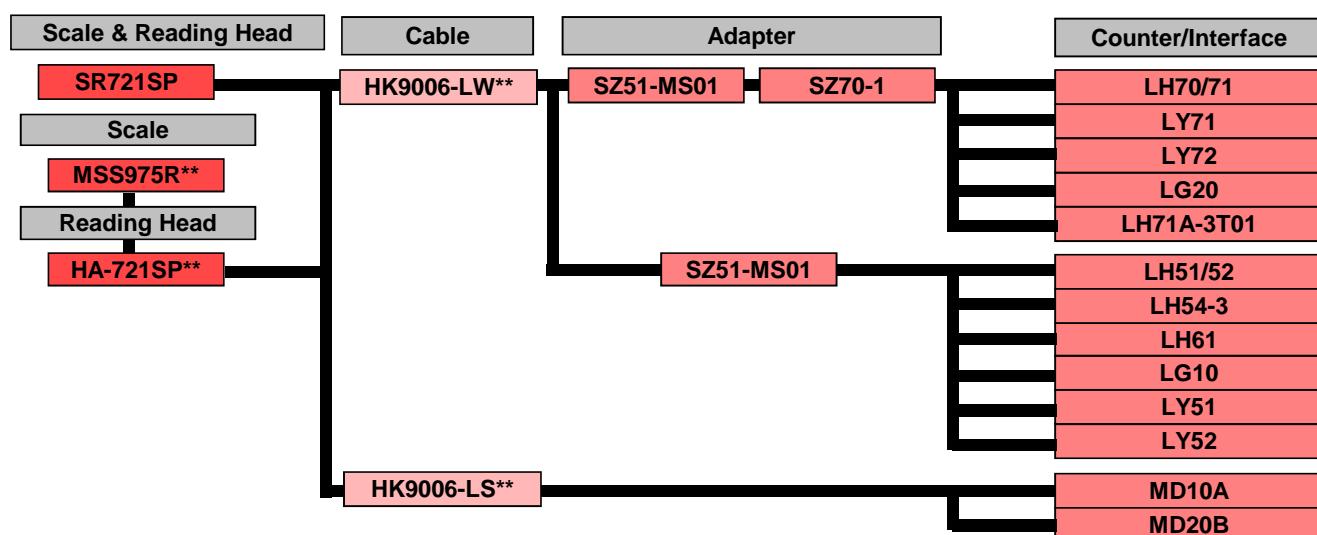
Product code	Product name	Cable length	SRP
CH23-010NVM		1m cable; direct connection SR27/67 to Mitsubishi CNC	106,00 €
CH23-020NVM		2m cable; direct connection SR27/67 to Mitsubishi CNC	110,00 €
CH23-030NVM		3m cable; direct connection SR27/67 to Mitsubishi CNC	117,00 €
CH23-040NVM		4m cable; direct connection SR27/67 to Mitsubishi CNC	126,00 €
CH23-050NVM		5m cable; direct connection SR27/67 to Mitsubishi CNC	133,00 €
CH23-100NVM		10m cable; direct connection SR27/67 to Mitsubishi CNC	168,00 €
CH23-130NVM		13m cable; direct connection SR27/67 to Mitsubishi CNC	189,00 €



Product code	Product name	Cable length	SRP
CH23-010NVK		Coupling cable 1m; Scale side - coupling connector	106,00 €
CH23-020NVK		Coupling cable 2m; Scale side - coupling connector	110,00 €
CH23-050NVK		Coupling cable 5m; Scale side - coupling connector	133,00 €
CH23-100NVK		Coupling cable 10m; Scale side - coupling connector	168,00 €



Product code	Product name	Cable length	SRP
CH23-010NPMA		Cable for RS97 to Mitsubishi Controller 1m	193,00 €
CH23-020NPMA		Cable for RS97 to Mitsubishi Controller 2m	196,00 €
CH23-050NPMA		Cable for RS97 to Mitsubishi Controller 5m	219,00 €
CH23-100NPMA		Cable for RS97 to Mitsubishi Controller 10m	255,00 €



Product code	Product	Type: accuracy 5µm	SRP
97910325	SR721SP-50	SR721SP- 50MM (75:50:75) 1m cable	526,00 €
97931968	SR721SP-50T01	SR721SP-50T01 10m open end cable	1.040,00 €
97910327	SR721SP-150	SR721SP-150MM (75:150:75) 1m cable	568,00 €
97910328	SR721SP-200	SR721SP-200MM (75:200:75) 1m cable	580,00 €
97930635	SR721SP-200T01	SR721SP-200-T01 (75:200:75)(DEMEET)	580,00 €
97910329	SR721SP-250	SR721SP-250MM (75:250:75) 1m cable	606,00 €
97910330	SR721SP-300	SR721SP-300MM (75:300:75) 1m cable	680,00 €
97910331	SR721SP-350	SR721SP-350MM (75:350:75) 1m cable	724,00 €
97910332	SR721SP-400	SR721SP-400MM (75:400:75) 1m cable	750,00 €
97938220	SR721SP-500T01	SR721SP-500T01 (ML500mm) 1m cable	856,00 €
97923775	SR721SP-8001	SR721SP-8001 (75:250:75) 5,5m cable	840,00 €

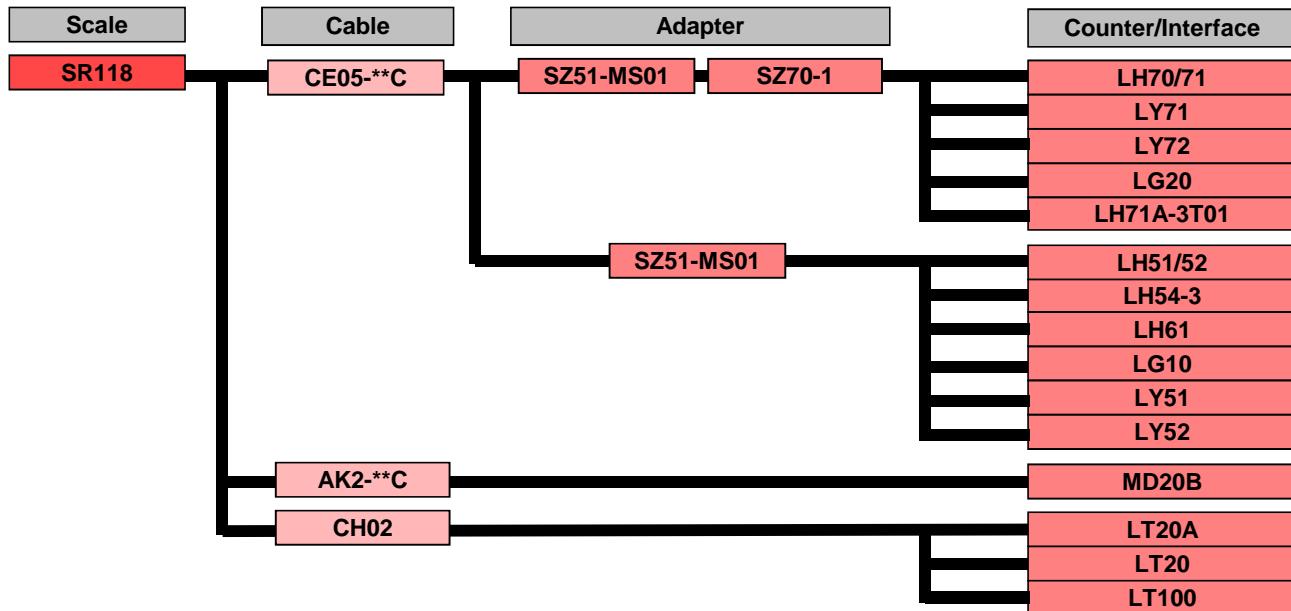
Product code	Product	Type	SRP
97990294	HK9006-LS03C	HK9006-LS03C(3M;CONDUIT);HIR. 8P/SUB-D15	405,00 €
97990296	HK9006-LS10C	HK9006-LS10C(10M;CONDUIT);HIR.8P/SUB-D15	627,00 €
97990112	HK9006-LW03C	HK9006-LW03C(3M) WITH HIROSE 8P/HA-31A	407,00 €
97991247	HK9006-LW03N	HK9006-LW03N(3M) WITH HIROSE 8P/HA-31A	407,00 €

SR721SP Series

SR

Product code	Product	Type	SRP
97923744	HA721SP-901	901 Reading head with 5,5m blank shield/protection cable	618,00 €
97924553	HA721SP-902	902 Reading head with 3m thin type cable	618,00 €
97924671	HA721SP-903	903 Reading head with 3m bigger dimension cable	648,00 €
97930933	HA721SP-T03	T03 Reading head with 10m bigger dimension cable	920,00 €
97930908	HA721SP-T05	T05 Reading head with 10m blank shield/protection cable	984,00 €
97931726	HA721SP-T06	T06 Reading head with 1m blank shield/protection cable	538,00 €

Product code	Product	Type	SRP
97950865	MSS975R-0150L02	MSS975R-150MM (75-150Y-75)	216,00 €
97950871	MSS975R-0200L01	MSS975R-200MM (30-200Y-30)	216,00 €
97950872	MSS975R-0200L02	MSS975R-200MM (75-200Y-75)	216,00 €
97950938	MSS975R-0250L01	MSS975R-250MM (75-250Y-75)	216,00 €
97947761	MSS975R-0250L02	MSS975R-250MM (30-250Y-30)	216,00 €
97950874	MSS975R-0300L02	MSS975R-300MM (75-300Y-75)	216,00 €
97950869	MSS975R-0350L03	MSS975R-350MM (30-350Y-30)	257,00 €
97950870	MSS975R-0350L04	MSS975R-350MM (75-350Y-75)	257,00 €
97950875	MSS975R-0400L01	MSS975R-400MM (30-400Y-30)	274,00 €
97950876	MSS975R-0400L02	MSS975R-400MM (75-400Y-75)	274,00 €
97950860	MSS975R-0450L01	MSS975R-450MM (30-450Y-30)	293,00 €
97950861	MSS975R-0450L02	MSS975R-450MM (75-450Y-75)	293,00 €
97948063	MSS975R-0500L04	MSS975R-500MM (30-500Y-30)	311,00 €
97950877	MSS975R-0600L01	MSS975R-600MM (30-600Y-30)	432,00 €
97950878	MSS975R-0600L02	MSS975R-600MM (75-600Y-75)	432,00 €
97950867	MSS975R-0650L02	MSS975R-650MM (75-650Y-75)	471,00 €
97950863	MSS975R-0750L02	MSS975R-750MM (75-750Y-75)	549,00 €
97947663	MSS975R-0850L01	MSS975R-850MM (SR10)	588,00 €
97947526	MSS975R-0950L01	MSS975R-950MM (30-950Y-30)	685,00 €
97947554	MSS975R-0950L02	MSS975R-950MM (75-950Y-75)	685,00 €
97947724	MSS975R-2050L01	MSS975R-2050MM (30-2050Y-30)	1.539,00 €



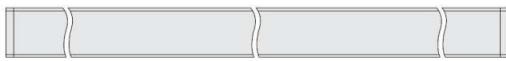
Product code	Product	Type	SRP
97965501	SR118-015	SR118-015 SCALE(15MM)	624,00 €
97931110	SR118-015T02	SR118-015T02 SCALE(15MM)	809,00 €
97965502	SR118-030	SR118-030 SCALE(30MM)	624,00 €
97965503	SR118-060	SR118-060 SCALE(60MM)	624,00 €
97965504	SR118-100	SR118-100 SCALE(100MM)	624,00 €
97965505	SR118-130	SR118-130 SCALE(130MM)	649,00 €
97965506	SR118-160	SR118-160 SCALE(160MM)	649,00 €
97965507	SR118-210	SR118-210 SCALE(210MM)	670,00 €
97965508	SR118-260	SR118-260 SCALE(260MM)	670,00 €

Product code	Product	Type	SRP
97952301	CE05-3C	Adapter cable 3m with Hirose 7P/HA31A	191,00 €
97952302	CE05-5C	Adapter cable 5m with Hirose 7P/HA31A	191,00 €
97921085	AK2-10C	Adapter cable 10m with Hirose 7P/Sub-D	387,00 €
97991267	AK2-LA03N	Adapter cable 3m with Hirose 7P/Sub-D	334,00 €
97968601	CH02-01	Adapter cable 1m	185,00 €
97968602	CH02-03	Adapter cable 3m	185,00 €
97968603	CH02-05	Adapter cable 5m	226,00 €
97967301	SZ51-MS01	Adapter for CE05-XX/CE07-XX/CH01-LWXX)	64,00 €
97928115	SZ70-1	Adapter for old scale GB,PL20B,DG-B	91,00 €

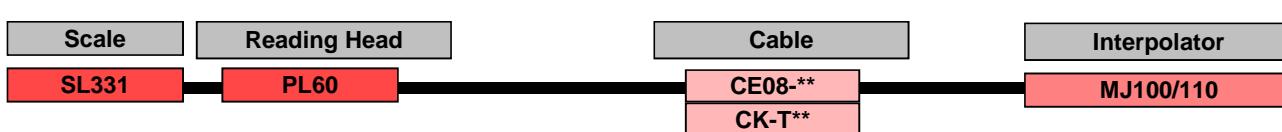
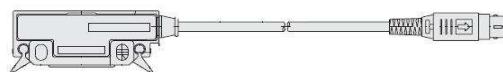
SL331 / PL60 Series

SL

SL331



PL60

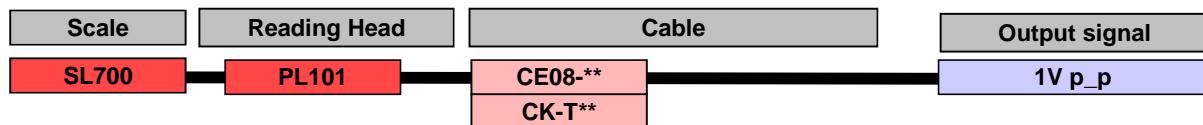
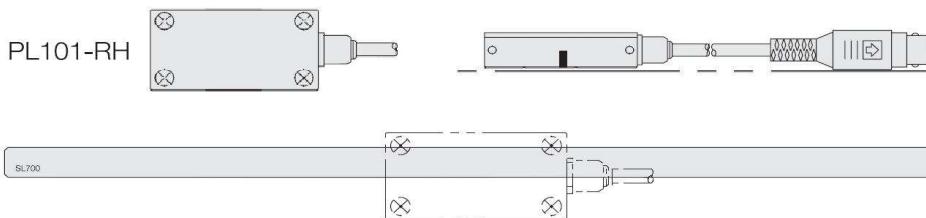


Product code	Product	Type	SRP
97958201	PL60-3	Reading head with 3m cable	345,00 €

Product code	Product	Type	SRP
97957901	SL331-20	Scale; ML: 200mm	164,00 €
97957902	SL331-30	Scale; ML: 300mm	174,00 €
97957903	SL331-40	Scale; ML: 400mm	184,00 €
97957904	SL331-50	Scale; ML: 500mm	194,00 €
97957905	SL331-60	Scale; ML: 600mm	206,00 €
97957908	SL331-100	Scale; ML: 1000mm	246,00 €
97957909	SL331-120	Scale; ML: 1200mm	286,00 €
97957910	SL331-150	Scale; ML: 1500mm	341,00 €
97957911	SL331-160	Scale; ML: 1600mm	357,00 €
97957914	SL331-200	Scale; ML: 2000mm	430,00 €
97957915	SL331-250	Scale; ML: 2500mm	527,00 €
97957916	SL331-300	Scale; ML: 3000mm	624,00 €
97957917	SL331-400	Scale; ML: 4000mm	818,00 €
97957918	SL331-500	Scale; ML: 5000mm	1.004,00 €
97957919	SL331-600	Scale; ML: 6000mm	1.182,00 €
97957920	SL331-700	Scale; ML: 7000mm	1.379,00 €
97957921	SL331-800	Scale; ML: 8000mm	1.566,00 €

Product code	Product	Type	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €

Product code	Product	Type	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €



Product code	Product	Model	SRP
97977485	PL101-N	Reading head / 0,3m cable / no Ref.mark detection	349,00 €
97977489	PL101-R	Reading head / 0,3m cable / with Ref.mark detection	349,00 €
97977488	PL101-RH	Reading head / 3,0m cable / with Ref.mark detection	430,00 €

SL7□0 □□□□□ □ □□□□

*1,2

Reference point position

Specify distance from measuring length end of right and left in mm unit (Up to 9999mm). Blank at the time of center reference point or SL700, SL720

*1,2

L: Set reference point position from left measuring length end.

C: Center reference point.

R: Set reference point position from right measuring length end.

Measuring length : Specify measuring length in cm.

Scale type

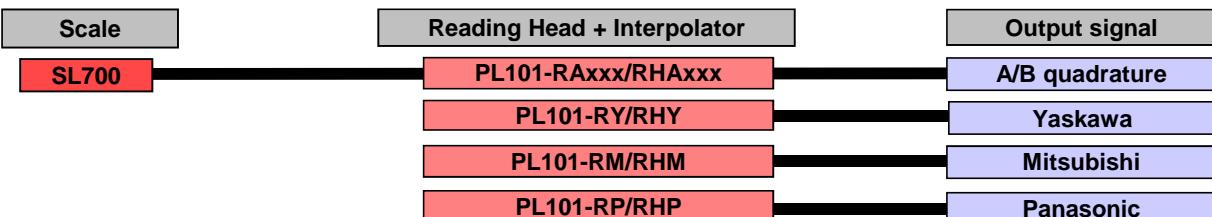
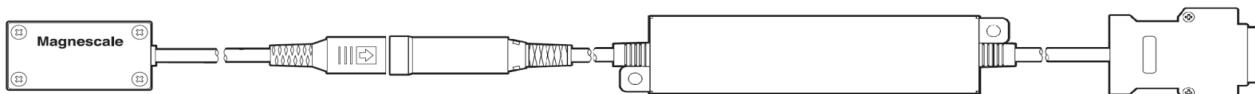
0: No reference point

1: One point in measuring length. Designate position at ordering.

2: Multipoint reference point. 60mm pitch from left measuring end.

Note)*1 Magnescale logo side is left measuring length end.

*2 Apply only to SL710.



Product code	Product	Model	SRP
97929086	PL101-RY	YASKAWA I/F	558.00 €
97929090	PL101-RHY	YASKAWA I/F, IP67	600.00 €
97929087	PL101-RM	Mitsubishi I/F	558.00 €
97929091	PL101-RHM	Mitsubishi I/F, IP67	600.00 €
97939401	PL101-RP	Panasonic I/F	558.00 €
97929092	PL101-RHP	Panasonic I/F, IP67	600.00 €

Product code	Product	Model	SRP
	PL101-RAxxx	A/B output	558.00 €
	PL101-RHAXxx	A/B output, IP67	600.00 €

PL101-RA □ ○ △
PL101-RHA □ ○ △

<Output connector>
C : Honda Tsushin 20-pin
B : Unterminated end

<Resolution and Polarity>

B	0.2 μm	+
C	0.5 μm	+
D	1.0 μm	+
E	2.0 μm	+
F	5.0 μm	+
G	10.0 μm	+
I	0.2 μm	-
J	0.5 μm	-
K	1.0 μm	-
L	2.0 μm	-
M	5.0 μm	-
N	10.0 μm	-

<AB quadrature signal minimum phase difference time>

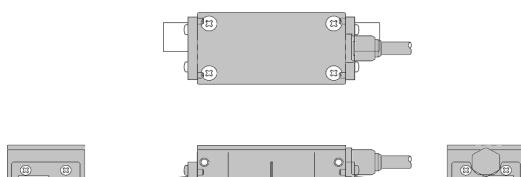
B	100 ns
C	150 ns
D	200 ns
E	250 ns
F	300 ns
G	500 ns
H	2.5 μs
I	25 μs

Product	Model	ML	SRP
SL700- /710-**	0005	50mm	83,00 €
SL700- /710- /720-**	0010	100mm	83,00 €
SL700- /710- /720-**	0015	150mm	83,00 €
SL700- /710- /720- /730-**	0020	200mm	83,00 €
SL700- /710- /720- /730-**	0025	250mm	92,00 €
SL700- /710- /720- /730-**	0030	300mm	92,00 €
SL700- /710- /720- /730-**	0035	350mm	92,00 €
SL700- /710- /720- /730-**	0040	400mm	92,00 €
SL700- /710- /720- /730-**	0045	450mm	101,00 €
SL700- /710- /720- /730-**	0050	500mm	101,00 €
SL700- /710- /720- /730-**	0055	550mm	101,00 €
SL700- /710- /720- /730-**	0060	600mm	101,00 €
SL700- /710- /720- /730-**	0065	650mm	108,00 €
SL700- /710- /720- /730-**	0070	700mm	108,00 €
SL700- /710- /720- /730-**	0075	750mm	108,00 €
SL700- /710- /720- /730-**	0080	800mm	108,00 €
SL700- /710- /720- /730-**	0085	850mm	117,00 €
SL700- /710- /720- /730-**	0090	900mm	117,00 €
SL700- /710- /720- /730-**	0095	950mm	117,00 €
SL700- /710- /720- /730-**	0100	100cm	117,00 €
SL700- /710- /720- /730-**	0110	110cm	142,00 €
SL700- /710- /720- /730-**	0120	120cm	142,00 €
SL700- /710- /720- /730-**	0130	130cm	166,00 €
SL700- /710- /720- /730-**	0140	140cm	166,00 €
SL700- /710- /720- /730-**	0150	150cm	186,00 €
SL700- /710- /720- /730-**	0160	160cm	186,00 €
SL700- /710- /720- /730-**	0170	170cm	211,00 €
SL700- /710- /720- /730-**	0180	180cm	211,00 €
SL700- /710- /720- /730-**	0190	190cm	235,00 €
SL700- /710- /720- /730-**	0200	200cm	235,00 €
SL700- /710- /720- /730-**	0210	210cm	259,00 €
SL700- /710- /720- /730-**	0220	220cm	259,00 €
SL700- /710- /720- /730-**	0230	230cm	283,00 €
SL700- /710- /720- /730-**	0240	240cm	283,00 €
SL700- /710- /720- /730-**	0250	250cm	305,00 €
SL700- /710- /720- /730-**	0260	260cm	305,00 €
SL700- /710- /720- /730-**	0270	270cm	327,00 €
SL700- /710- /720- /730-**	0280	280cm	327,00 €
SL700- /710- /720- /730-**	0290	290cm	353,00 €
SL700- /710- /720- /730-**	0300	300cm	353,00 €
SL700- /710- /720- /730-**	0350	350cm	399,00 €
SL700- /710- /720- /730-**	0400	400cm	445,00 €
SL700- /710- /720- /730-**	0450	450cm	493,00 €
SL700- /710- /720- /730-**	0500	5m	538,00 €
SL700- /710- /720- /730-**	0600	6m	632,00 €
SL700- /710- /720- /730-**	0700	7m	726,00 €
SL700- /710- /720- /730-**	0800	8m	816,00 €
SL700- /710- /720- /730-**	0900	9m	911,00 €
SL700- /710- /720- /730-**	1000	10m	979,00 €
SL700- /710- /720- /730-**	10000	100m	9.292,00 €

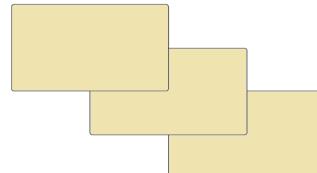
Accessories for PL101-Reading head

Accessories for PL101

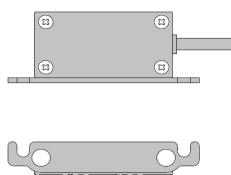
- SZ16:Wiper for PL101



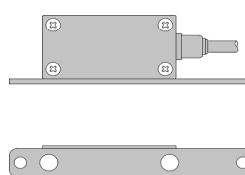
- SZ17:Spacer set
for clearance Check t=0.25,0.35,0.45mm



- SZ18:Attachment



- SZ19:Attachment



Product code	Product	Model	SRP
97977504	SZ16	Wiper (PL101 Series)	14,00 €
97977503	SZ17	Spacer Kit for PL101 Series	28,00 €
97977501	SZ18	Mounting Plate for PL101 Series	43,00 €
97977505	SZ19	Mounting Plate for PL101 Series	43,00 €

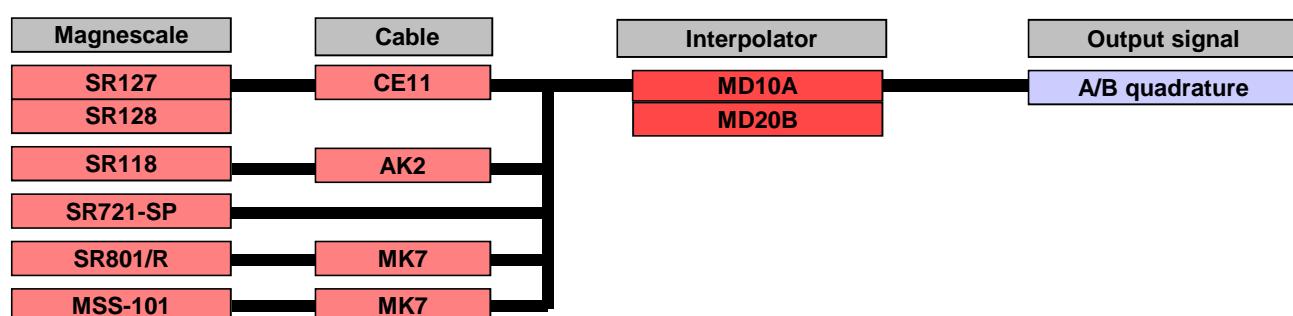
Product code	Product	Model	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €
97931237	CK-T90	Extension cable (25m); High-flex cable with open end	347,00 €

Product code	Product	Model	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €

MD10A



MD20B

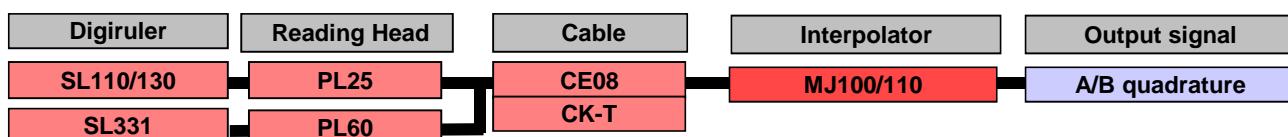


Product code	Product	Model	SRP
97928643	MD10A	Interpolator	383,00 €
97928642	MD20B	Interpolator	619,00 €

Product code	Product	Model	SRP
97921075	MK7-03C	cable 3m	327,00 €
97921076	MK7-05C	cable 5m	359,00 €
97921077	MK7-10C	cable 10m	439,00 €
97921078	MK7-15C	cable 15m	475,00 €

Product code	Product	Model	SRP
97921085	AK2-10C	Adapter cable 10m with Hirose 7P/Sub-D	387,00 €
97991267	AK2-LA03N	Adapter cable 3m with Hirose 7P/Sub-D	334,00 €

Product code	Product	Model	SRP
97968101	CE11-03C	Cable (3m; armored)	144,00 €
97968102	CE11-05C	Cable (5m; armored)	180,00 €
97968103	CE11-10C	Cable (10m; armored)	247,00 €
97968104	CE11-15C	Cable (15m; armored)	319,00 €

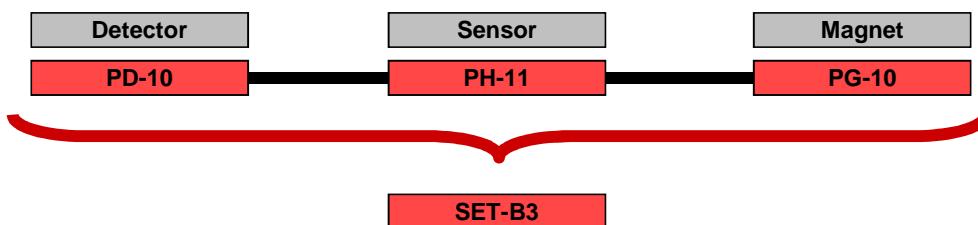
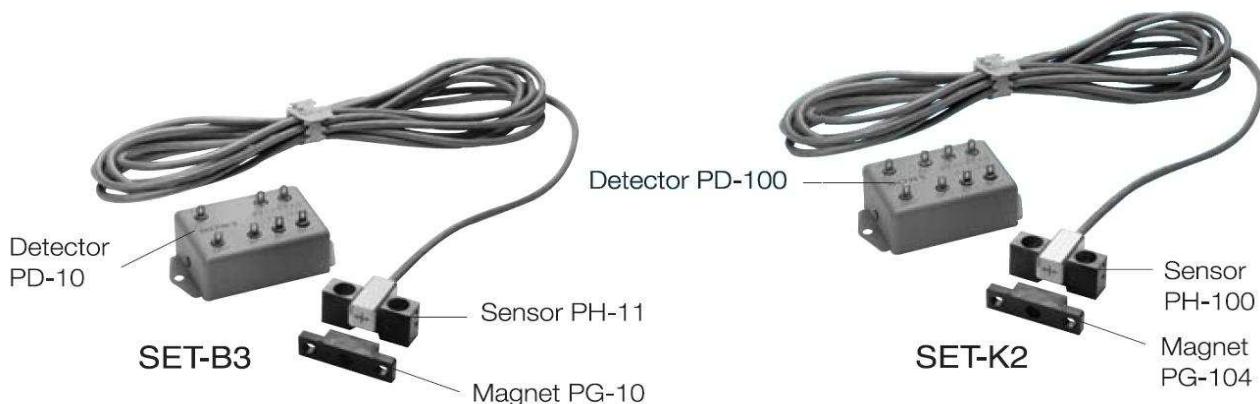


Product code	Product	Model	SRP
97977125	MJ100	Detector for Digiruler (RS422 output)	554,00 €
97977126	MJ110	Detector for Digiruler (Open collector output)	540,00 €
97977244	MZ2	Output connector for MJ100/110/620	68,00 €
97977245	MZ3	Head input connector	33,00 €
97977246	MZ4	Reference input connector	33,00 €

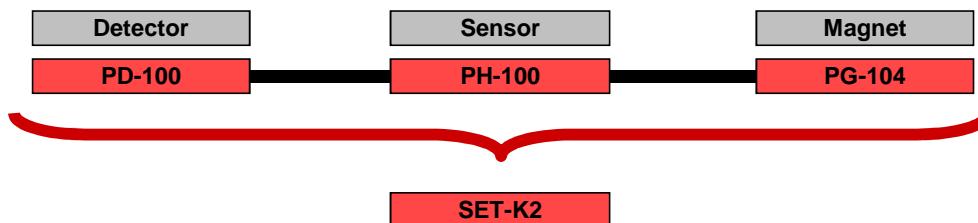
Product code	Product	Model	SRP
97958201	PL60-3	Reading Head with 3m Cable	345,00 €
97958301	PL25-3	Reading Head with 3m Cable	302,00 €

Product code	Product	Model	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €

Product code	Product	Model	SRP
97958805	CE08-01	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-03	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-05	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €



Product code	Product	Model	SRP
97999004	SET-B3	Magnesensor	242,00 €
97923011	PG10	Magnet	18,00 €
97923009	PH11	Sensor	147,00 €
97923018	PD10	Detector	92,00 €



Product code	Product	Model	SRP
97999012	SET-K2	Magneswitch	261,00 €
97923039	PG104	Magnet	18,00 €
97923037	PH100	Reading head (3m cable)	96,00 €
97939694	PH100-3P	Reading head (3m cable)	115,00 €
97939645	PH100-5P	Reading head (5m cable)	121,00 €
97923068	PH100-10P	Reading head (10m cable)	136,00 €
97939606	PH100-15P	Reading head (15m cable)	149,00 €
97923042	PD100	Detector	135,00 €

SET-P15/16 Series

SET



Sensor

PK15

Magnet

PG-104

Sensor

PK16

Magnet

PG-104

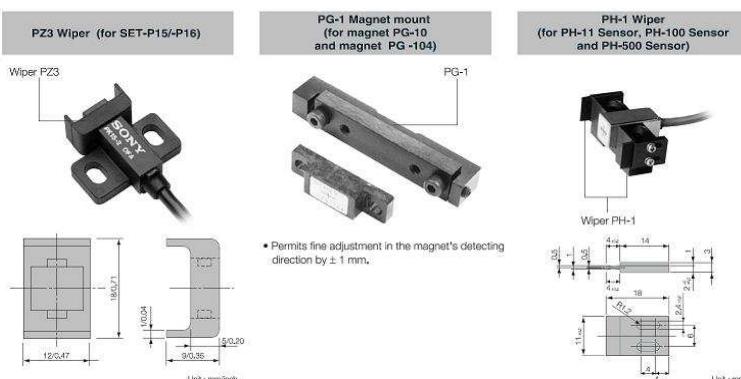
SET-P15

SET-P16

Product code	Product	Model	SRP
97923073	SET-P15-1	Magneswitch (5V; 1,5m cable)	114,00 €
97923074	SET-P15-2	Magneswitch (12V; 1,5m cable)	114,00 €
97923075	SET-P15-3	Magneswitch (24V; 1,5m cable)	114,00 €
97959401	SET-P16-1	Magneswitch (1,5m cable)	146,00 €
97930061	SET-P16-1T01	Magneswitch (3,0m cable)	163,00 €

97958901	CE09-03	3m Cable (SET-P16)	68,00 €
97958902	CE09-05	5m Cable (SET-P16)	83,00 €
97958903	CE09-10	10m Cable (SET-P16)	116,00 €
97958904	CE09-15	15m Cable (SET-P16)	151,00 €

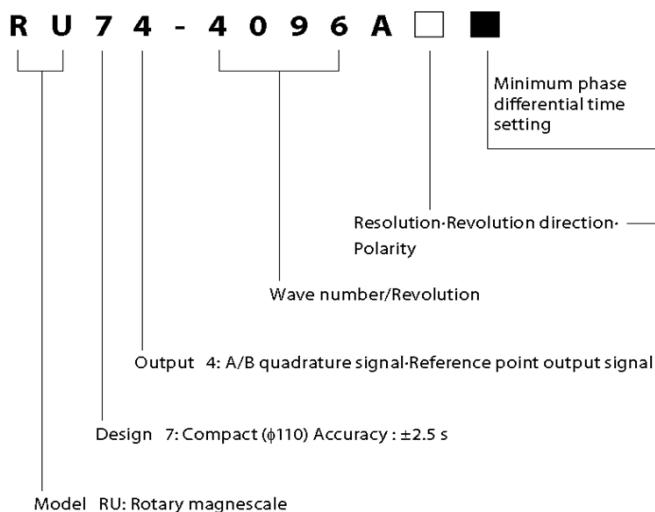
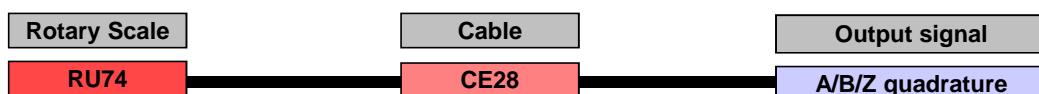
Product code	Product	Model	SRP
97923039	PG104	Magnet	18,00 €
97923037	PH100	Reading head (3m cable)	96,00 €
97939694	PH100-3P	Reading head (3m cable)	115,00 €
97939645	PH100-5P	Reading head (5m cable)	121,00 €
97923068	PH100-10P	Reading head (10m cable)	136,00 €
97939606	PH100-15P	Reading head (15m cable)	149,00 €
97923033	PH500	Reading head (20m cable with connector)	267,00 €



Product code	Product	Model	SRP
97923036	PH1	PH-1 Wiper	10,00 €
97923038	PG1	Magnet mount (for PG-10 / PG-104)	48,00 €
97945626	PG9104	PG9104 Magnet chip	8,00 €
97922032	PZ3	Wiper for Set -P15/P16	18,00 €

RU

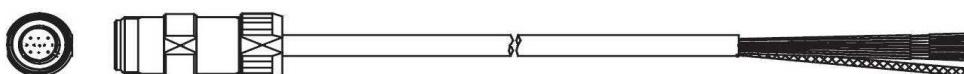
RU74 Series



Minimum phase differential time setting (ns)	Model	Response revolutions (min ⁻¹)	
		Approx. 1/1000°	Approx. 1/10000°
50	A	2000	267
100	B	1332	133
150	C	888	89
200	D	666	67
250	E	533	53
300	F	444	44
400	G	333	33
500	H	266	27
650	J	205	21
1000	K	133	13
1250	L	107	11
2500	M	53	5
3000	N	44	4

Resolution	Revolution direction / Polarity	Pulses/ Revolution	Number of division	Model
Approx. 1/1000°	CW / +	360448	88	A
Approx. 1/1000°	CCW / +	360448	88	B
Approx. 1/10000°	CW / +	3600384	879	C
Approx. 1/10000°	CCW / +	3600384	879	D

Product	Model	SRP
RU74-4096A**	Same price for all models	2.833,00 €



Product code	Product	Model	SRP
97928791	CE28-030C	Cable for RU74 (3m armored with open end)	106,00 €
97928749	CE28-030N	Cable for RU74 (3m non-armored with open end)	84,00 €

RU77 Series

RU



Rotary Scale

RU77

Cable

CE28

CNC Controller

Fanuc

Mitsubishi

Yaskawa

RU77-4096A★OL□□

<Resolution, Pulses per Revolution
and Number of Divisions>

Resolution	Pulses/ Revolution	Number of Divisions	Description
□ Approx. 2.5°/1,000	131,072	1/32	A
□ Approx. 1°/1,000	262,144	1/64	B
□ Approx. 7°/10,000	524,288	1/128	C
□ Approx. 3.5°/10,000	1,048,576	1/256	D
□ Approx. 2°/10,000	2,097,152	1/512	E
□ Approx. 1°/10,000	4,194,304	1/1,024	F
□ Approx. 4.5°/100,000	8,388,608	1/2,048	G
□ Approx. 2°/100,000	16,777,216	1/4,096	H
□ Approx. 1°/100,000	33,554,432	1/8,192	J

<Suffix numbers assigned
in sequence of Keitoku P.O.>

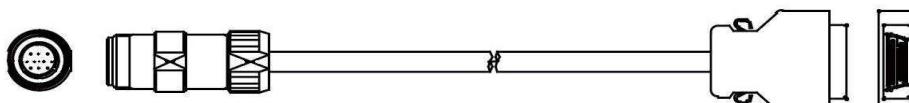
01~

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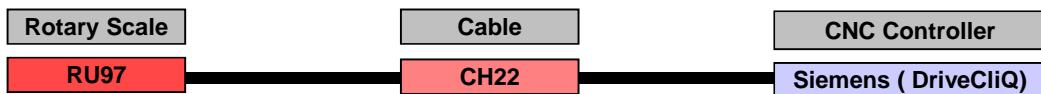
Description	NC Maker	No. of Wires
□ A	FANUC	4
□ B	MITSUBISHI	2
□ D	MITSUBISHI	4
□ F	YASUKAWA	2

Specs. compatible with YASUKAWA
is only D.

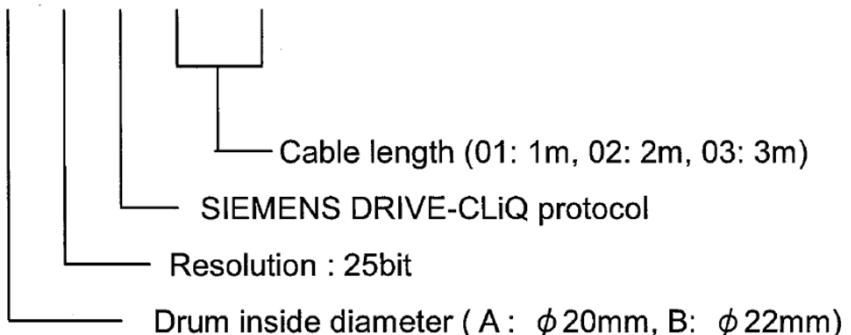
Product	Model	SRP
RU77-4096A**	Same price for all models	2.561,00 €



Product	Model	SRP
97949027	CE28-020NF	120,00 €
97948642	CE28-030NF	120,00 €
97948612	CE28-050NF	156,00 €
97949387	CE28-100NF	230,00 €



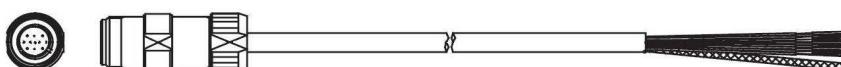
R U 9 7 - 2 0 4 8 □ J Z □ □



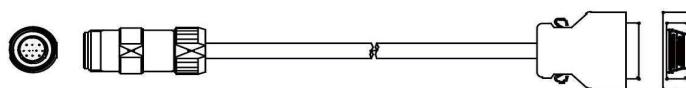
Product code	Product	Model	SRP
97929944	RU97-2048AJZ01	Inner diameter 20mm, Resolution 25Bit, cable length 1m	3.250,00 €
97929945	RU97-2048AJZ02	Inner diameter 20mm, Resolution 25Bit, cable length 2m	3.290,00 €
97929946	RU97-2048AJZ03	Inner diameter 20mm, Resolution 25Bit, cable length 3m	3.330,00 €
97929947	RU97-2048BJZ01	Inner diameter 22mm, Resolution 25Bit, cable length 1m	3.250,00 €
97929948	RU97-2048BJZ02	Inner diameter 22mm, Resolution 25Bit, cable length 2m	3.290,00 €
97929949	RU97-2048BJZ03	Inner diameter 22mm, Resolution 25Bit, cable length 3m	3.330,00 €

Cable for RU /RS Series

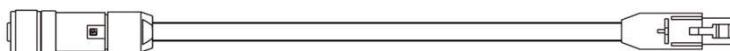
RU



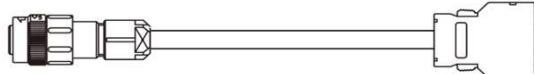
Product code	Product	Model	SRP
97928791	CE28-030C	Cable for RU74 (3m armored with open end)	106,00 €
97928749	CE28-030N	Cable for RU74 (3m non-armored with open end)	84,00 €



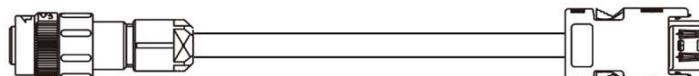
Product code	Product	Model	SRP
97949027	CE28-020NF	Cable for RU77 to Fanuc Controller 2m	120,00 €
97948642	CE28-030NF	Cable for RU77 to Fanuc Controller 3m	120,00 €
97948612	CE28-050NF	Cable for RU77 to Fanuc Controller 5m	156,00 €
97949387	CE28-100NF	Cable for RU77 to Fanuc Controller 10m	230,00 €



Product code	Product	Type	SRP
	CH22-010NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 1m	120,00 €
	CH22-020NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 2m	123,00 €
	CH22-030NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 3m	130,00 €
	CH22-040NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 4m	139,00 €
	CH22-050NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 5m	146,00 €
	CH22-060NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 6m	153,00 €
	CH22-080NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 8m	168,00 €
	CH22-100NSFY	Cable for RU97 / RS97 to Siemens (SL) Controller 10m	182,00 €



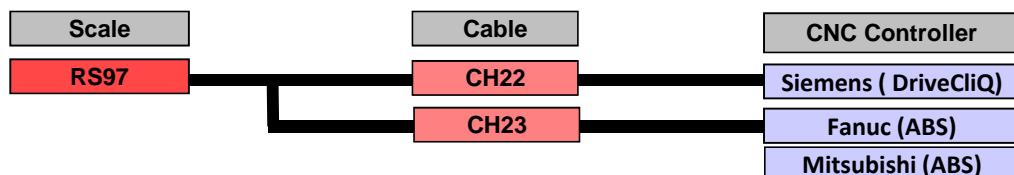
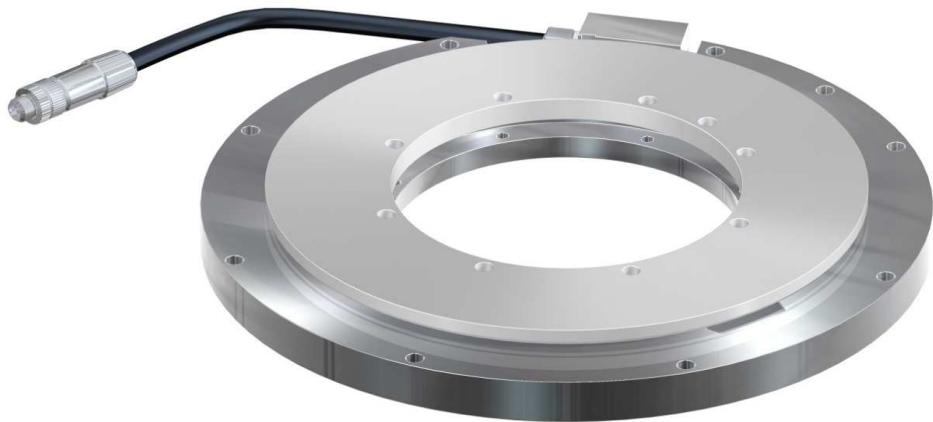
Product code	Product	Type	SRP
	CH23-010NPFA	Cable for RS97 to Fanuc Controller 1m	193,00 €
	CH23-020NPFA	Cable for RS97 to Fanuc Controller 2m	196,00 €
	CH23-030NPFA	Cable for RS97 to Fanuc Controller 3m	203,00 €
	CH23-040NPFA	Cable for RS97 to Fanuc Controller 4m	212,00 €
	CH23-050NPFA	Cable for RS97 to Fanuc Controller 5m	219,00 €
	CH23-060NPFA	Cable for RS97 to Fanuc Controller 6m	226,00 €
	CH23-080NPFA	Cable for RS97 to Fanuc Controller 8m	241,00 €
	CH23-100NPFA	Cable for RS97 to Fanuc Controller 10m	255,00 €



Product code	Product	Type	SRP
	CH23-010NPMA	Cable for RS97 to Mitsubishi Controller 1m	193,00 €
	CH23-020NPMA	Cable for RS97 to Mitsubishi Controller 2m	196,00 €
	CH23-030NPMA	Cable for RS97 to Mitsubishi Controller 3m	203,00 €
	CH23-040NPMA	Cable for RS97 to Mitsubishi Controller 4m	212,00 €
	CH23-050NPMA	Cable for RS97 to Mitsubishi Controller 5m	219,00 €
	CH23-060NPMA	Cable for RS97 to Mitsubishi Controller 6m	226,00 €
	CH23-080NPMA	Cable for RS97 to Mitsubishi Controller 8m	241,00 €
	CH23-100NPMA	Cable for RS97 to Mitsubishi Controller 10m	255,00 €

RS

RS97 Series Ø 96mm



R S 9 7 - 1 0 2 4 E G □ * *

Cable length (01:1m, 02:2m)

A: FANUC communication protocol

D: Mitsubishi communication protocol

Z: SIEMENS DRIVE-CLiQ protocol

Number of divisions, Number of output pulses:

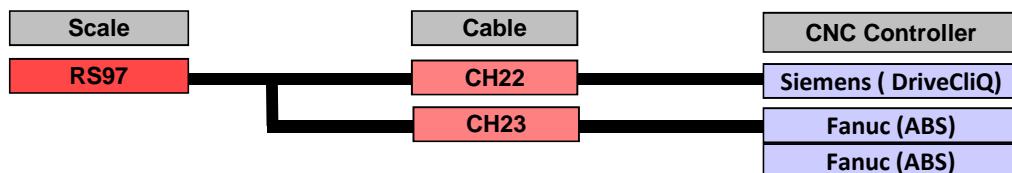
1/8192 divisions, 2²³ outputs (23 bit output)

Rotor inside diameter: 96 mm

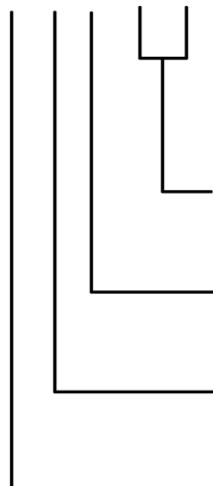
Product	Product	Model	SRP
97929821	RS97-1024EGZ01	DriveCliQ 96mm, Resolution 23Bit, cable length 1m	4.750,00 €
97929822	RS97-1024EGZ02	DriveCliQ 96mm, Resolution 23Bit, cable length 2m	4.790,00 €
97929780	RS97-1024EGD01	Mitsubishi 96mm, Resolution 23Bit, cable length 1m	4.500,00 €
97929781	RS97-1024EGD02	Mitsubishi 96mm, Resolution 23Bit, cable length 2m	4.500,00 €
97929783	RS97-1024EGA01	Fanuc 96mm, Resolution 23Bit, cable length 1m	4.500,00 €
97929784	RS97-1024EGA02	Fanuc 96mm, Resolution 23Bit, cable length 2m	4.500,00 €

RS97 Series Ø 180mm

RS



R S 9 7 - 1 0 2 4 N G □ * *



Cable length (01:1m, 02:2m)

A: FANUC communication protocol
Z: SIEMENS DRIVE-CLiQ protocol

Number of divisions, Number of output pulses:

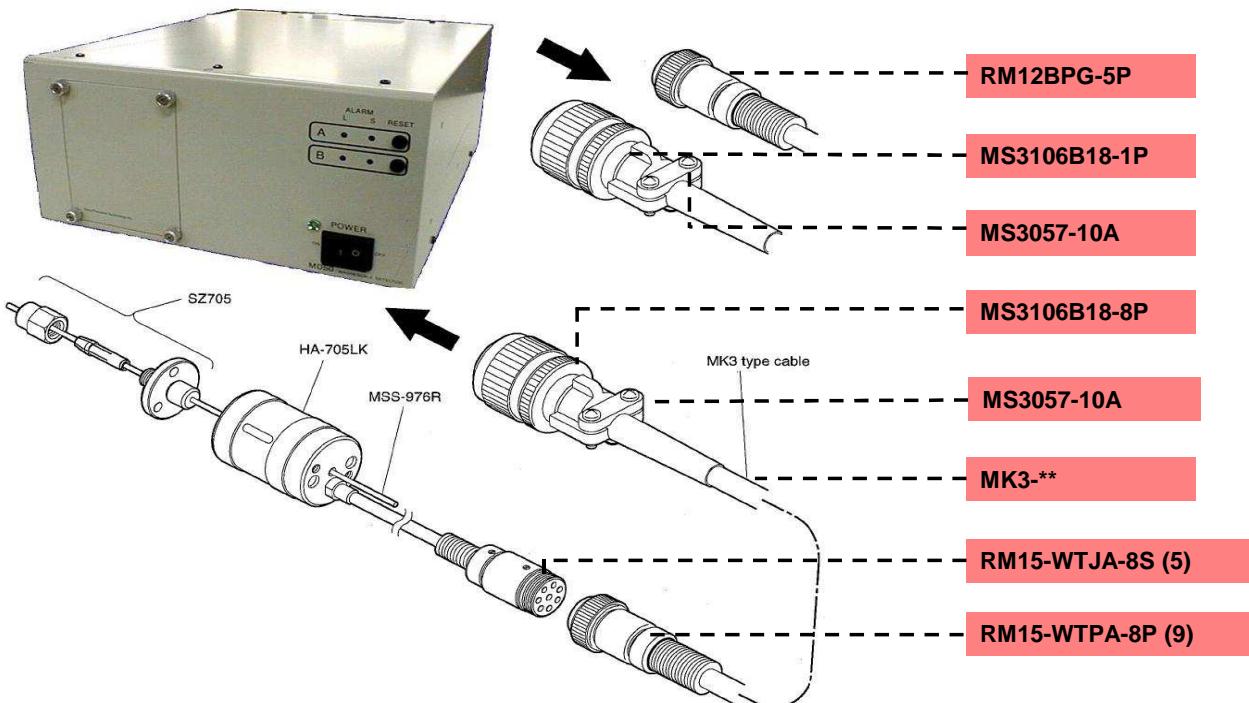
1/8192 divisions, 2^{23} outputs (23 bit output)

Rotor inside diameter: 180 mm

Product	Product	Model	SRP
97929830	RS97-1024NGZ01	DriveCliQ 180mm, Resolution 23Bit, cable length 1m	4.980,00 €
97929831	RS97-1024NGZ02	DriveCliQ 180mm, Resolution 23Bit, cable length 2m	5.020,00 €
97929832	RS97-1024NGZ03	DriveCliQ 180mm, Resolution 23Bit, cable length 3m	5.060,00 €
97929786	RS97-1024NGA01	Fanuc 180mm, Resolution 23Bit, cable length 1m	4.725,00 €
97929787	RS97-1024NGA02	Fanuc 180mm, Resolution 23Bit, cable length 2m	4.725,00 €
97929788	RS97-1024NGA03	Fanuc 180mm, Resolution 23Bit, cable length 3m	4.725,00 €

Rolling Mill

Line-Up



Rolling Mill Scales

Product code	Product	Model	SRP
97947686	MSS976R-0100L03	MSS975R-100MM (30-100Y-30)	216,00 €
97950909	MSS976R-0150L02	MSS976R-150MM (30-150Y-30)	283,00 €
97950943	MSS976R-0200L04	MSS976R-200MM (30-200Y-30)	283,00 €
97948263	MSS976R-0250L09	MSS976R-230MM (30-230Y-30)	283,00 €
97950911	MSS976R-0250L02	MSS976R-250MM (30-250Y-30)	283,00 €
97950907	MSS976R-0300L03	MSS976R-300MM (30-300Y-30)	283,00 €
97950858	MSS976R-0350L01	MSS976R-350MM (30-350Y-30)	321,00 €
97950982	MSS976R-0400L03	MSS976R-400MM (30-400Y-30)	374,00 €
97950908	MSS976R-0450L02	MSS976R-450MM (30-450Y-30)	411,00 €
97950910	MSS976R-0500L02	MSS976R-500MM (30-500Y-30)	453,00 €
97950879	MSS976R-0600L02	MSS976R-550MM (30-550Y-30)	486,00 €
97950880	MSS976R-0600L01	MSS976R-600MM (30-600Y-30)	539,00 €
97950883	MSS976R-0700L03	MSS976R-650MM (30-650Y-30)	596,00 €
97950881	MSS976R-0700L01	MSS976R-700MM (30-700Y-30)	635,00 €
97950932	MSS976R-0250L03	MSS976R-250MM (75-250Y-75)	283,00 €
97950859	MSS976R-0350L02	MSS976R-350MM (75-350Y-75)	321,00 €

Rolling Mill Reading Heads

Product code	Product	Model	SRP
97939225	HA-705LK-903	Reading head (1m cable with connector)	3.359,00 €
97939605	HA-705LK-905	Reading head (2,5m cable with connector)	3.378,00 €
97939642	HA-705LK-906	Reading head (1m open end - without connector)	3.293,00 €
97939643	HA-705LK-907	Reading head (1,5m open end - without connector)	3.307,00 €
97924947	HA-705LK-913	Reading head (10m open end - without connector)	3.641,00 €
97930889	HA705LK-T02	Reader head (5m open end + RM15WTJA-8S-(6)-(03) connector)	4.379,00 €
97931978	HA705LK-T06	Reading head (2,5 m open end - without connector)	3.341,00 €
97939408	HA705LK-T07	Reading Head (15M open end, without connector)	3.965,00 €

Line-Up Rolling Mill

Rolling Mill Detectors

Product code	Product	Model	SRP
97978084	MD50-2N	Detector (2 channel)	10.884,00 €
97978087	MD50-4N	Detector (4 channel)	19.603,00 €

Rolling Mill cable including connector for HA-705LK and MD50

Product code	Product	Model	SRP
97921066	MK3-30	Cable (30m)	656,00 €
97921093	MK3-50	Cable (50m)	801,00 €
97921040	MK3-100	Cable (100m)	1.166,00 €
97921067	MK3-120	Cable (120m)	1.310,00 €
97921068	MK3-135	Cable (135m)	1.421,00 €
97921041	MK3-150	Cable (150m)	1.530,00 €

Rolling Mill accessories

Product code	Product	Model	SRP
97991867	SZ705	Scale chuck for MSS976R scale	501,00 €

Local purchase part from Yamazen

Rolling Mill connector for reading head HA-705LK

Product code	Product	Model	YEG
182110211	RM15-WTJA-8S (5)	Female connector for HA-705LK reading head	

Rolling Mill connector for cable MSK-8P

Product code	Product	Model	YEG
182110311	RM15-WTPA-8P (9)	Male connector for MSK-8P to HA-705LK reading head	
150847612	MS3106B18-8P	Input connector for MD50	
150945512	MS3057-10A	Connector clamp for MS3106B18-8P	

Rolling Mill output connector for MD50 detector

Product code	Product	Model	YEG
150896911	MS3106B18-1P	Output connector for MD50	
150945512	MS3057-10A	Connector clamp for MS3106B18-8P	

Connector Holder Clamp for MK3

Product code	Product	Model	YEG
294700101	Connector Holder/Clamp	Connector Holder/Clamp (MK3)	each 1pc.

Cable for Rolling Mill Application

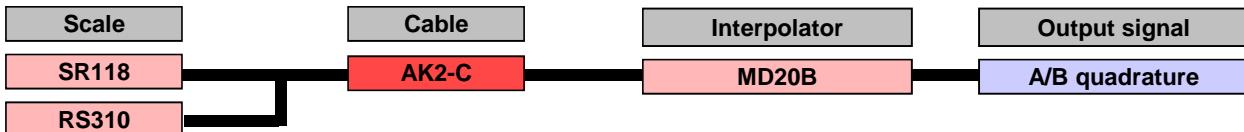
Product code	Product	Model	YEG
761306340	MSK-8P	Cable without connector	each meter

Scale chuck for MSS976 scales

Product code	Product	Model	YEG
050222451	SZ705-D01	Scale chuck (Local Purchase)	

AK

AK-**C Series

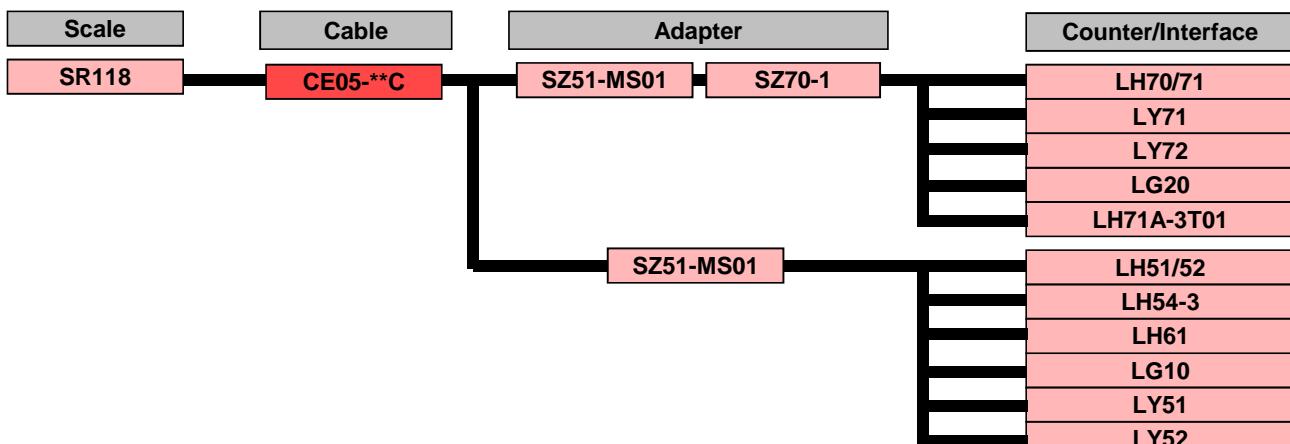
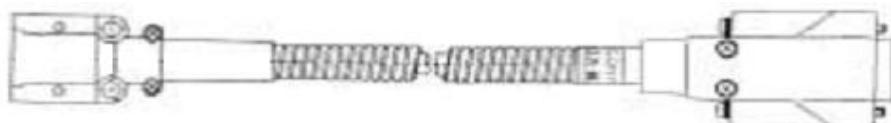


Product code	Product	Type	SRP
97921085	AK2-10C	Adapter cable 10m with Hirose 7P/Sub-D	387,00 €
97991267	AK2-LA03N	Adapter cable 3m with Hirose 7P/Sub-D	334,00 €

Product code	Product	Model	SRP
97921091	AK3-05CR	AK3-05CR Connecting cable	249,00 €

CE

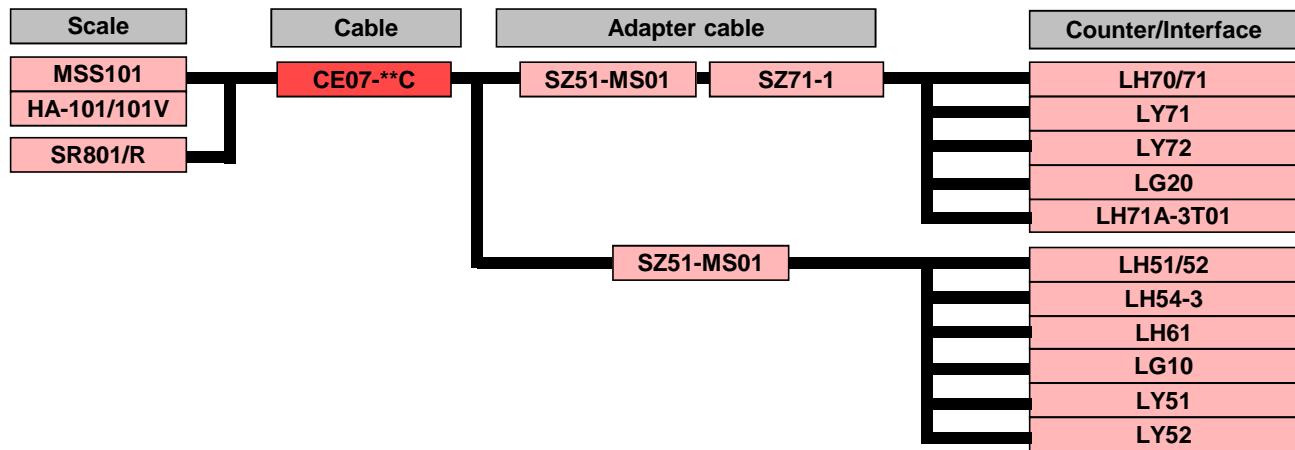
CE05-**C Series



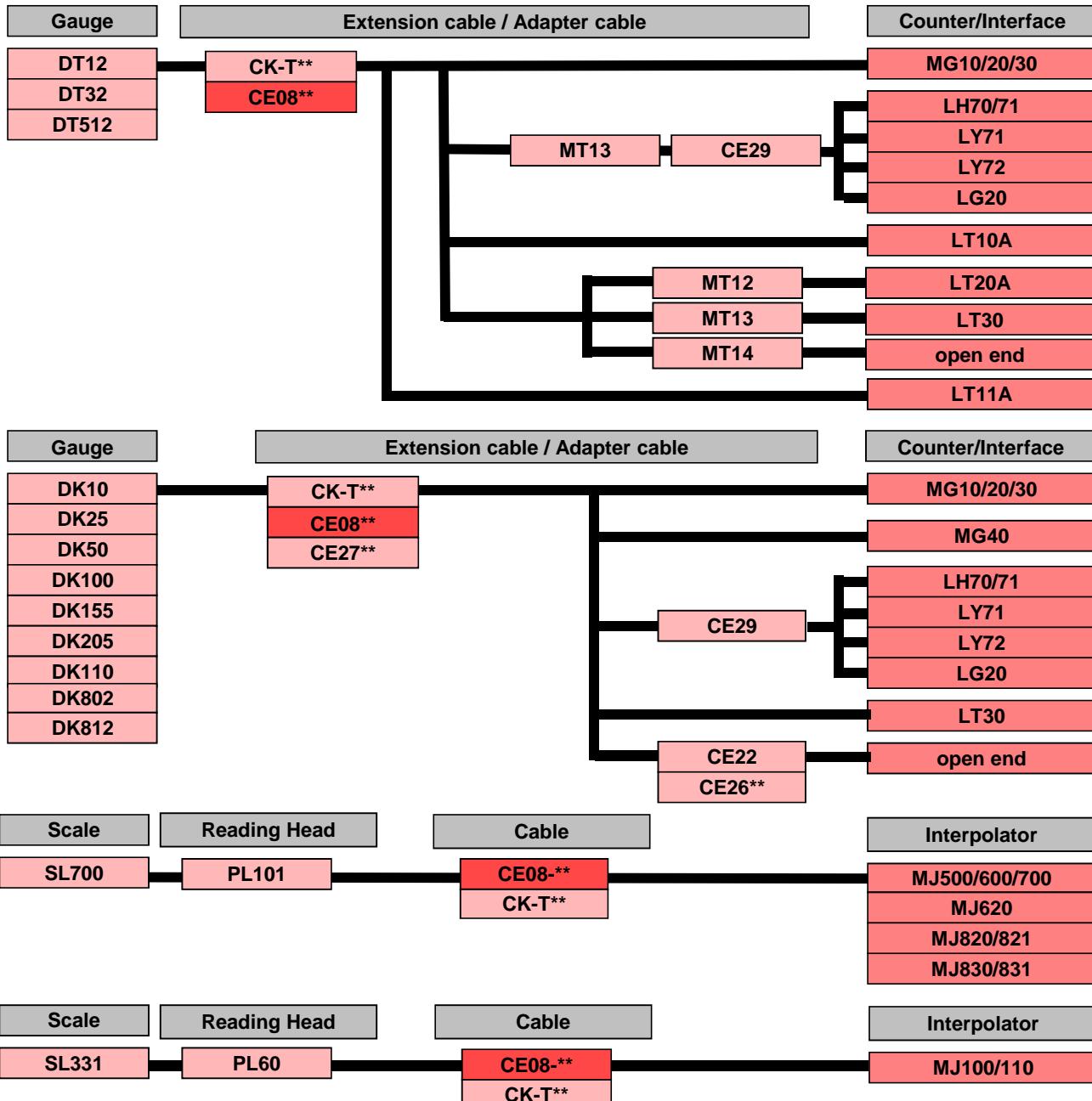
Product code	Product	Model	SRP
97952301	CE05-3C	Cable 3m	191,00 €
97952302	CE05-5C	Cable 5m	191,00 €

CE07-** Series

CE



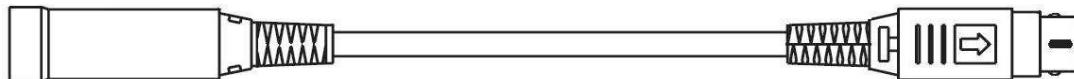
Product code	Product	Model	SRP
97953901	CE07-3C	Cable 3m	206,00 €
97953902	CE07-5C	Cable 5m	226,00 €
97953903	CE07-10C	Cable 10m	286,00 €
97953904	CE07-15C	Cable 15m	374,00 €



Product code	Product	Model	SRP
97958805	CE08-1	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	CE08-3	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	CE08-5	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	CE08-10	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	CE08-15	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €

CE09-** Series

CE



Magneswitch

SET-P16

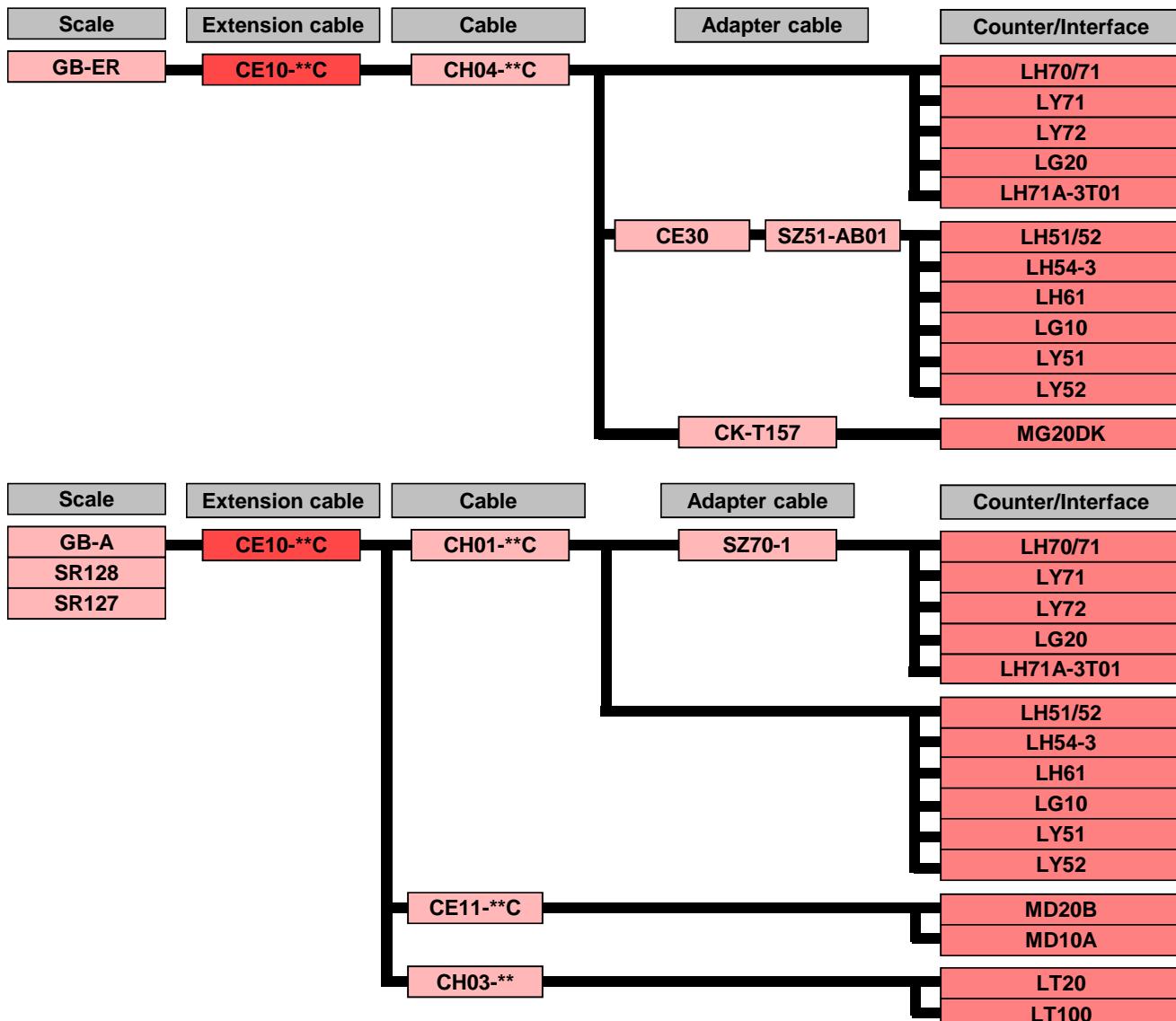
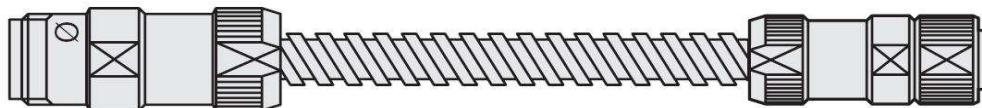
Extension Cable

CE09-**

Interpolator

MD20B

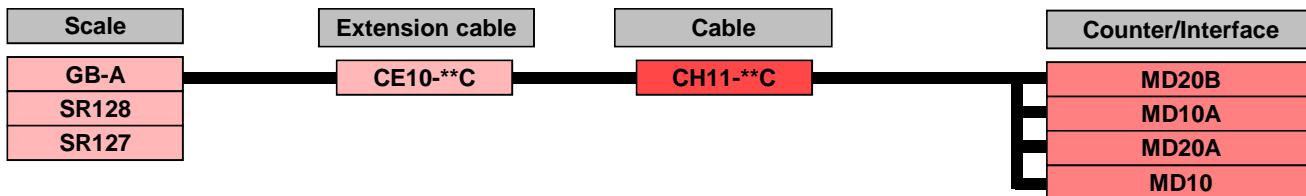
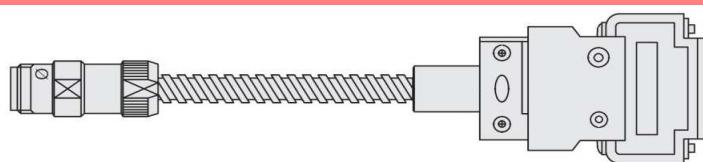
Product code	Product	Model	SRP
97958901	CE09-03	Extension cable 3m for Set-P16	68,00 €
97958902	CE09-05	Extension cable 5m for Set-P16	83,00 €
97958903	CE09-10	Extension cable 10m for Set-P16	116,00 €
97958904	CE09-15	Extension cable 15m for Set-P16	151,00 €



Product code	Product	Model	SRP
97966101	CE10-01C	Extension cable 1m	121,00 €
97966102	CE10-03C	Extension cable 3m	121,00 €
97966103	CE10-05C	Extension cable 5m	144,00 €
97966104	CE10-10C	Extension cable 10m	222,00 €

CE11-**C Series

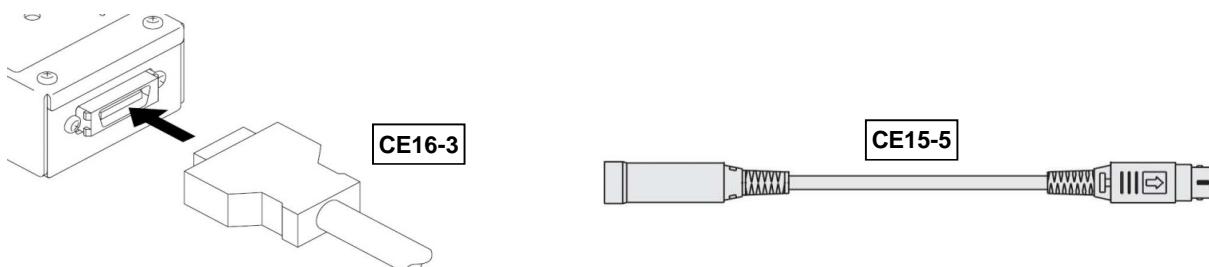
CE



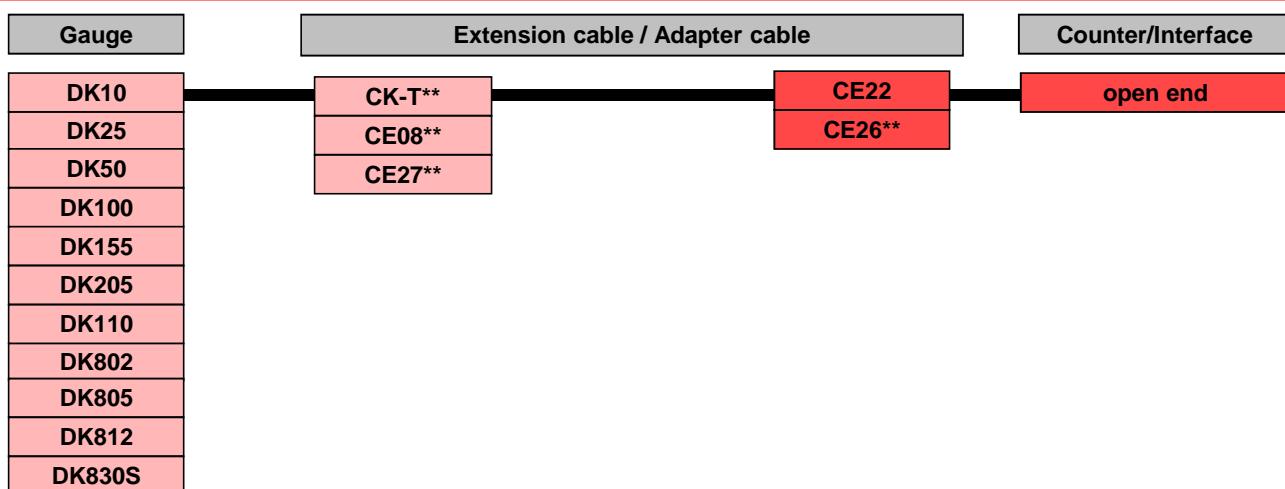
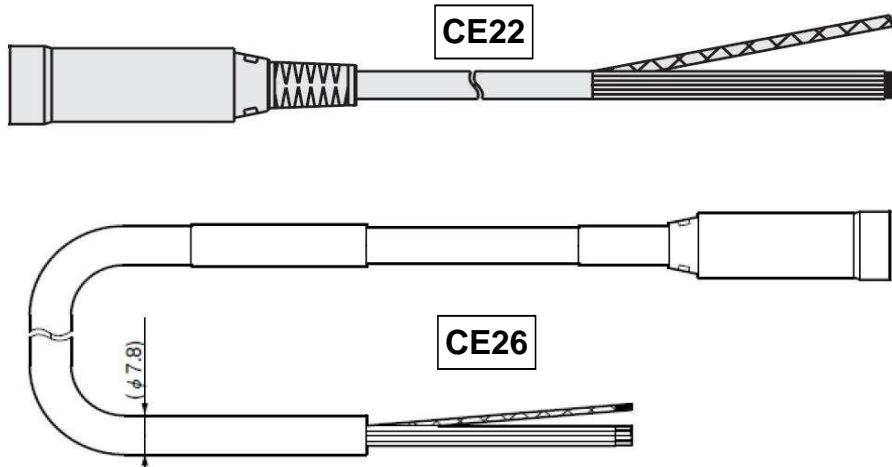
Product code	Product	Model	SRP
97968101	CE11-03C	Cable 3m	144,00 €
97968102	CE11-05C	Cable 5m	180,00 €
97968103	CE11-10C	Cable 10m	247,00 €
97968104	CE11-15C	Cable 15m	319,00 €

CE15 / C16 Series

CE



Product code	Product	Model	SRP
97977248	CE15-5	Extension cable 5m for SET-P16	102,00 €
97977251	CE16-3	Honda connector with 3m open end cable for MJ and PL8*	143,00 €

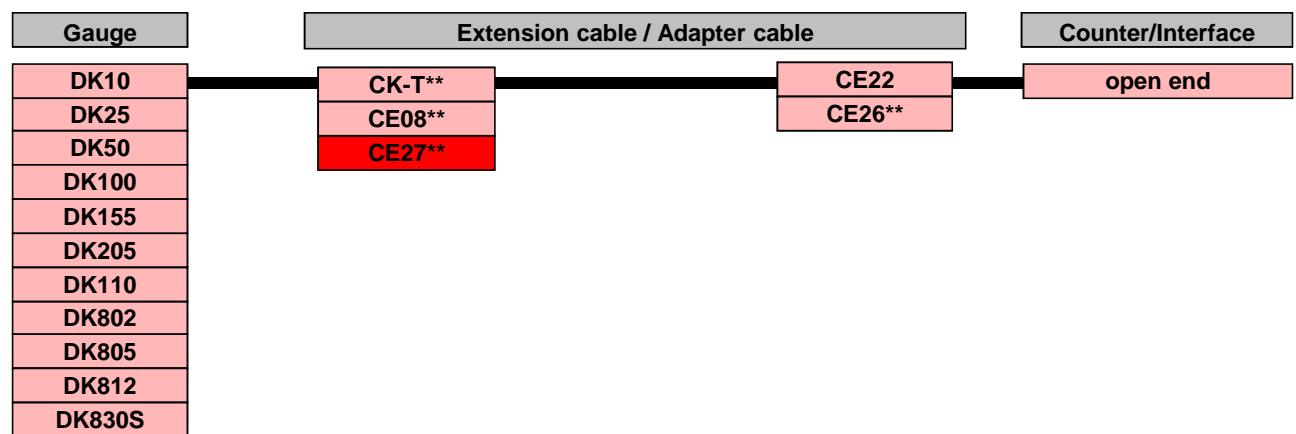
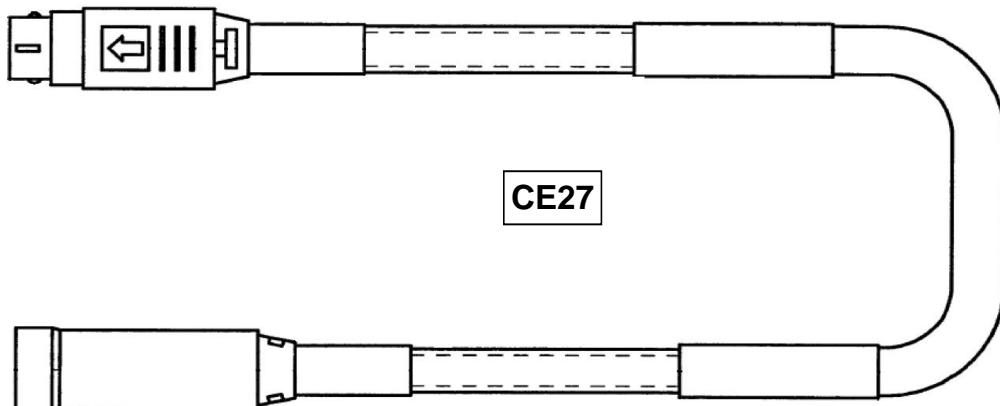
CE**CE22 / CE26-** Series**

Product code	Product	Model	SRP
97928116	CE22-01	Extension cable with open end (1m)	60,00 €
97928117	CE22-03	Extension cable with open end (3m)	74,00 €
97928118	CE22-05	Extension cable with open end (5m)	91,00 €
97928119	CE22-10	Extension cable with open end (10m)	131,00 €

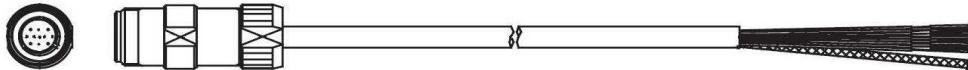
Product code	Product	Model	SRP
97931990	CE26-01	Thick extension cable with open end (1m) (low impedance)	103,00 €
97931991	CE26-03	Thick extension cable with open end (3m) (low impedance)	121,00 €
97931992	CE26-05	Thick extension cable with open end (5m) (low impedance)	142,00 €
97931993	CE26-10	Thick extension cable with open end (10m) (low impedance)	189,00 €

CE27-**Series

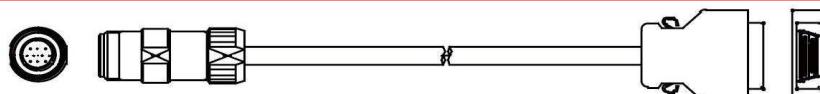
CE



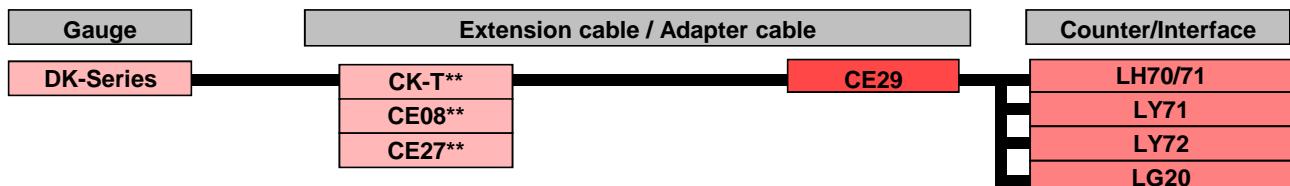
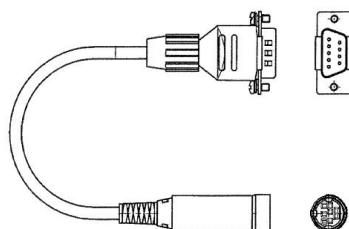
Product code	Product	Model	SRP
97931994	CE27-01	Thick extension cable (1m) (low impedance)	151,00 €
97931995	CE27-03	Thick extension cable (3m) (low impedance)	169,00 €
97931996	CE27-05	Thick extension cable (5m) (low impedance)	189,00 €
97931997	CE27-10	Thick extension cable (10m) (low impedance)	236,00 €

CE**CE28-** Series**

Product code	Product	Model	SRP
97928791	CE28-030C	Cable for RU74 (3m armored with open end)	
97928749	CE28-030N	Cable for RU74 (3m non-armored with open end)	



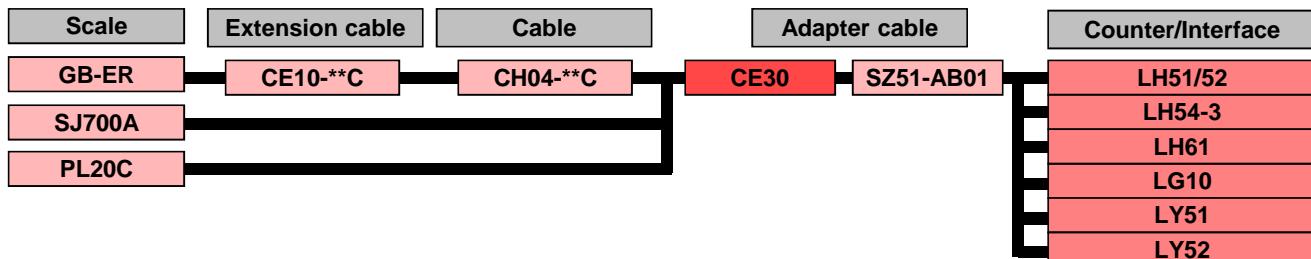
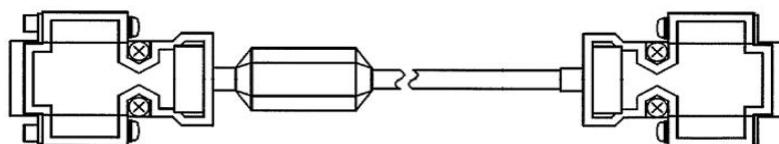
Product code	Product	Model	SRP
97949027	CE28-020NF	Cable for RU77 to connect to Fanuc Controller 2m	120,00 €
97948642	CE28-030NF	Cable for RU77 to connect to Fanuc Controller 3m	120,00 €
97948612	CE28-050NF	Cable for RU77 to connect to Fanuc Controller 5m	156,00 €
97949387	CE28-100NF	Cable for RU77 to connect to Fanuc Controller 10m	230,00 €

CE**CE29-** Series**

Product code	Product	Model	SRP
97928697	CE29-01	Adapter cable 1m (DK to LY71/72 LH70 series)	67,00 €
97928698	CE29-03	Adapter cable 3m (DK to LY71/72 LH70 series)	81,00 €
97928699	CE29-05	Adapter cable 5m (DK to LY71/72 LH70 series)	101,00 €
97928700	CE29-10	Adapter cable 10m (DK to LY71/72 LH70 series)	133,00 €

CE30 Series

CE



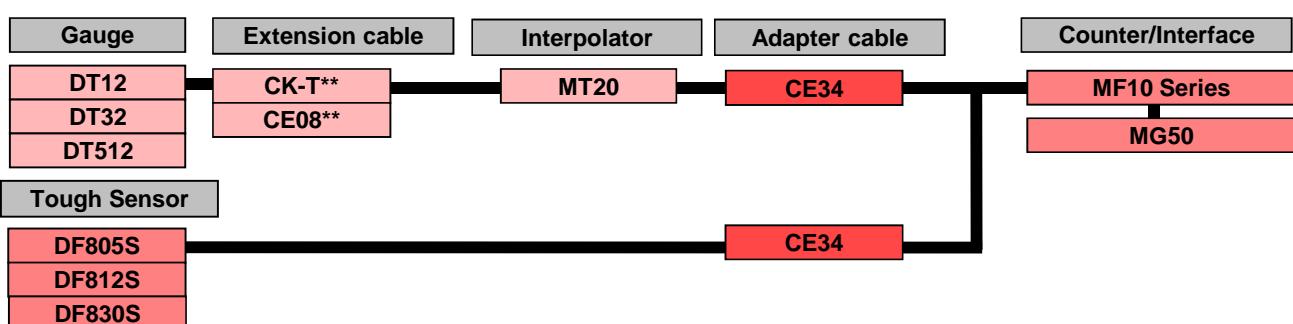
Product code	Product	Model	SRP
97928895	CE30	Adapter cable	60,00 €

CE34-** Series

CE

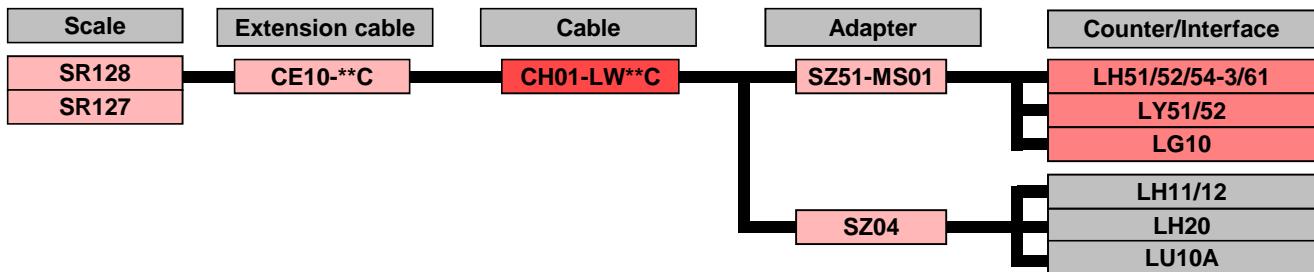
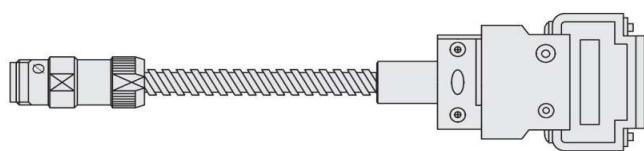


CE34

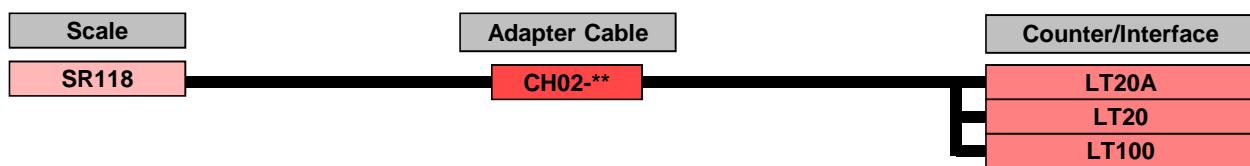
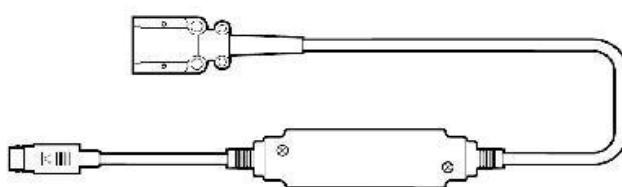


Cable between Sensor / MT20 and MF10 Series

Product code	Product	Model	SRP
97929925	CE34-005	0.5m Cable to connect to MF10	42,00 €
97929926	CE34-02	2m Cable to connect to MF10	62,00 €
97929927	CE34-05	5m Cable to connect to MF10	82,00 €
97929928	CE34-10	10m Cable to connect to MF10	113,00 €
97929929	CE34-15	15m Cable to connect to MF10	154,00 €
97929930	CE34-20	20m Cable to connect to MF10	185,00 €

CH**CH01LW-**C**

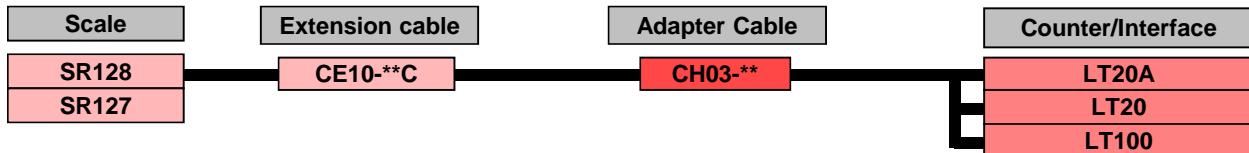
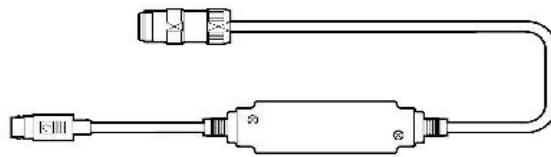
Product code	Product	Model	SRP
97991169	CH01-LW03C	Cable 3m with HA31A	167,00 €
97991170	CH01-LW05C	Cable 5m with HA31A	204,00 €
97991171	CH01-LW10C	Cable 10m with HA31A	289,00 €

CH**CH02-** Series**

Product code	Product	Model	SRP
97968701	CH03-01	Cable 1m (SR128/127 to LT)	290,00 €
97968702	CH03-03	Cable 3m (SR128/127 to LT)	290,00 €
97968703	CH03-05	Cable 5m (SR128/127 to LT)	307,00 €

CH03-**C Series

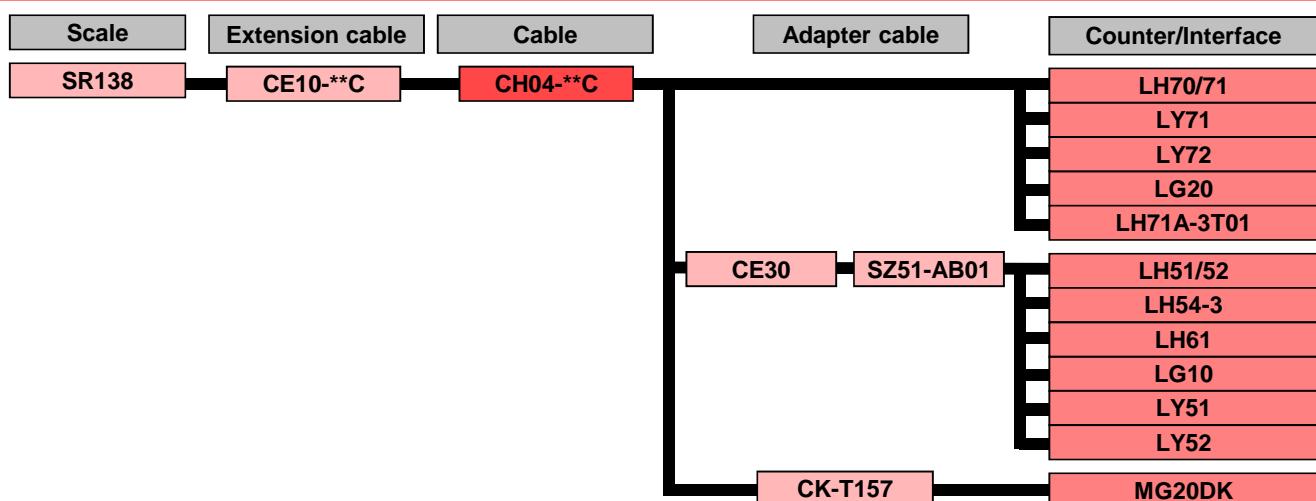
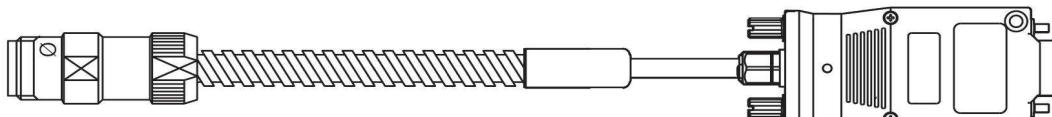
CH



Product code	Product	Model	SRP
97968701	CH03-01	Cable 1m (SR128/127 to LT)	290,00 €
97968702	CH03-03	Cable 3m (SR128/127 to LT)	290,00 €
97968703	CH03-05	Cable 5m (SR128/127 to LT)	307,00 €

CH04-**C Series

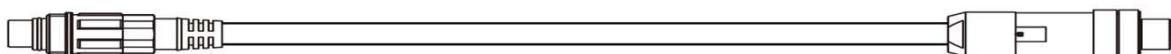
CH



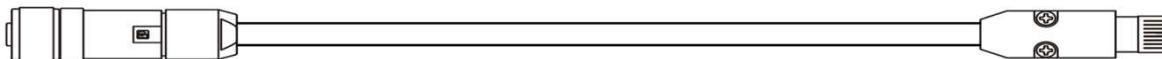
Product code	Product	Model	SRP
97928564	CE04-03C	Cable 3m; armored for SR138	140,00 €
97938706	CE04-05CT01	Cable 5m; armored for SR138	169,00 €



Product code	Product	Type	SRP
CH22-010NSMY	1m cable; SR connector to RJ45	105,00 €	
CH22-020NSMY	2m cable; SR connector to RJ45	108,00 €	
CH22-030NSMY	3m cable; SR connector to RJ44	115,00 €	
CH22-040NSMY	4m cable; SR connector to RJ45	124,00 €	
CH22-050NSMY	5m cable; SR connector to RJ45	131,00 €	
CH22-100NSMY	10m cable; SR connector to RJ45	167,00 €	
CH22-150NSMY	15m cable; SR connector to RJ45	201,00 €	



Product code	Product	Type	SRP
CH22-010NSMF	1m cable; SR connector to M12 connector male	135,00 €	
CH22-020NSMF	2m cable; SR connector to M12 connector male	138,00 €	
CH22-050NSMF	5m cable; SR connector to M12 connector male	161,00 €	
CH22-100NSMF	10m cable; SR connector to M12 connector male	197,00 €	



Product code	Product	Type	SRP
CH22-010NSFY	1m cable; Coupling connector M12 female to RJ45	120,00 €	
CH22-020NSFY	2m cable; Coupling connector M12 female to RJ45	123,00 €	
CH22-050NSFY	5m cable; Coupling connector M12 female to RJ45	146,00 €	
CH22-100NSFY	10m cable; Coupling connector M12 female to RJ45	182,00 €	
CH22-005NSFY	0.5m cable; Coupling connector M12 female to RJ45	118,00 €	



Product code	Product	Type:	SRP
CH22-010NSMZ	1m cable; SR connector to RJ45 waterproofed	135,00 €	
CH22-020NSMZ	2m cable; SR connector to RJ45 waterproofed	138,00 €	
CH22-050NSMZ	5m cable; SR connector to RJ45 waterproofed	161,00 €	
CH22-100NSMZ	10m cable; SR connector to RJ45 waterproofed	197,00 €	

Cable price for armed cable
CH22-xxxCxxx SRP+ 15€/m

CH23 Series

CH



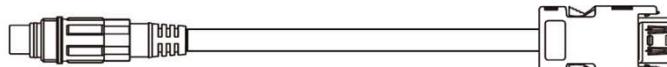
Product code	Product name	Cable length	SRP
CH23-010NVF		1m cable; direct connection SR27/67 to Fanuc CNC	106,00 €
CH23-020NVF		2m cable; direct connection SR27/67 to Fanuc CNC	110,00 €
CH23-030NVF		3m cable; direct connection SR27/67 to Fanuc CNC	117,00 €
CH23-040NVF		4m cable; direct connection SR27/67 to Fanuc CNC	126,00 €
CH23-050NVF		5m cable; direct connection SR27/67 to Fanuc CNC	133,00 €
CH23-100NVF		10m cable; direct connection SR27/67 to Fanuc CNC	168,00 €
CH23-130NVF		13m cable; direct connection SR27/67 to Fanuc CNC	189,00 €



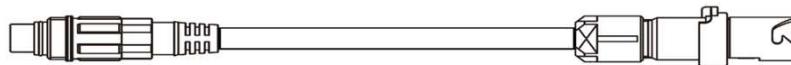
Product code	Product name	Cable length	SRP
CH23-010NVK		Coupling cable 1m; Scale side - coupling connector	106,00 €
CH23-020NVK		Coupling cable 2m; Scale side - coupling connector	110,00 €
CH23-050NVK		Coupling cable 5m; Scale side - coupling connector	133,00 €
CH23-100NVK		Coupling cable 10m; Scale side - coupling connector	168,00 €



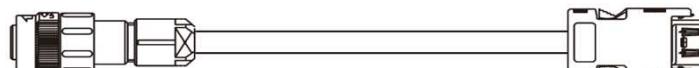
Product code	Product name	Cable length	SRP
CH23-010NPFA		Coupling cable 1m; Coupling connector - Fanuc CNC	193,00 €
CH23-020NPFA		Coupling cable 2m; Coupling connector - Fanuc CNC	196,00 €
CH23-050NPFA		Coupling cable 5m; Coupling connector - Fanuc CNC	219,00 €
CH23-100NPFA		Coupling cable 10 m; Coupling connector - Fanuc CNC	255,00 €



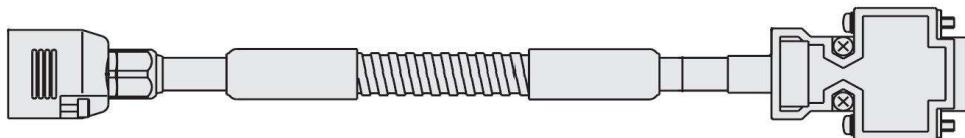
Product code	Product name	Cable length	SRP
CH23-010NVM		1m cable; direct connection SR27/67 to Mitsubishi CNC	106,00 €
CH23-020NVM		2m cable; direct connection SR27/67 to Mitsubishi CNC	110,00 €
CH23-030NVM		3m cable; direct connection SR27/67 to Mitsubishi CNC	117,00 €
CH23-040NVM		4m cable; direct connection SR27/67 to Mitsubishi CNC	126,00 €
CH23-050NVM		5m cable; direct connection SR27/67 to Mitsubishi CNC	133,00 €
CH23-100NVM		10m cable; direct connection SR27/67 to Mitsubishi CNC	168,00 €
CH23-130NVM		13m cable; direct connection SR27/67 to Mitsubishi CNC	189,00 €



Product code	Product name	Cable length	SRP
CH23-010NVK		Coupling cable 1m; Scale side - coupling connector	106,00 €
CH23-020NVK		Coupling cable 2m; Scale side - coupling connector	110,00 €
CH23-050NVK		Coupling cable 5m; Scale side - coupling connector	133,00 €
CH23-100NVK		Coupling cable 10m; Scale side - coupling connector	168,00 €

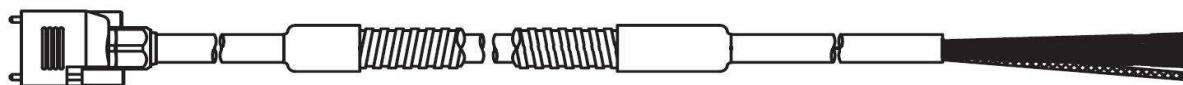


Product code	Product name	Cable length	SRP
CH23-010NPFA		Coupling cable 1m; Coupling connector - Fanuc CNC	193,00 €
CH23-020NPFA		Coupling cable 2m; Coupling connector - Fanuc CNC	196,00 €
CH23-050NPFA		Coupling cable 5m; Coupling connector - Fanuc CNC	219,00 €
CH23-100NPFA		Coupling cable 10 m; Coupling connector - Fanuc CNC	255,00 €



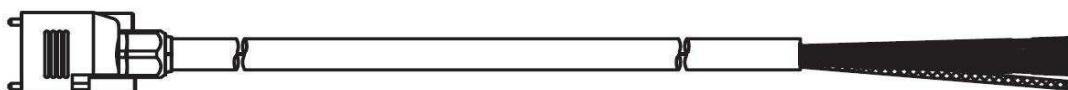
Product code	Product	Type	SRP
97950946	CH33-03CPD	3m cable / armor / PVC / Sub-D 9 pin	59,00 €
97950956	CH33-05CPD	5m cable / armor / PVC / Sub-D 9 pin	103,00 €
97950957	CH33-10CPD	10m cable / armor / PVC / Sub-D 9 pin	204,00 €
97950958	CH33-15CPD	15m cable / armor / PVC / Sub-D 9 pin	299,00 €

97950959	CH33-03CED	3m cable / armor / PU / Sub-D 9 pin	84,00 €
97950960	CH33-05CED	5m cable / armor / PU / Sub-D 9 pin	140,00 €
97950961	CH33-10CED	10m cable / armor / PU / Sub-D 9 pin	284,00 €
97950962	CH33-15CED	15m cable / armor / PU / Sub-D 9 pin	408,00 €



97978236	CH33-03CP	3m cable / armor / PVC / open end	48,00 €
97978237	CH33-05CP	5m cable / armor / PVC / open end	82,00 €
97978238	CH33-10CP	10m cable / armor / PVC / open end	148,00 €
97978239	CH33-15CP	15m cable / armor / PVC / open end	249,00 €
97950479	CH33-20CP	20m cable / armor / PVC / open end	345,00 €

97978240	CH33-03CE	3m cable / armor / PU / open end	72,00 €
97978241	CH33-05CE	5m cable / armor / PU / open end	120,00 €
97978242	CH33-10CE	10m cable / armor / PU / open end	243,00 €
97978243	CH33-15CE	15m cable / armor / PU / open end	362,00 €

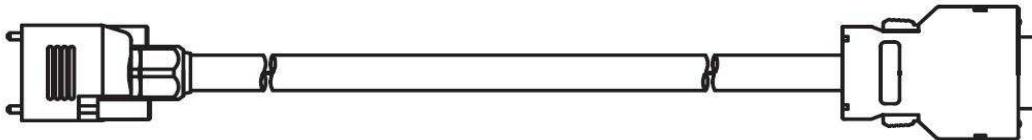


Product code	Product	Type	SRP
97950463	CH33-01NP	1m cable / PVC / open end	39,00 €
97948399	CH33-02NP	2m cable / PVC / open end	39,00 €
97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529	CH33-15NP	15m cable / PVC / open end	163,00 €

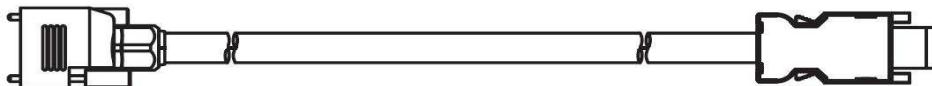
97950627	CH33-03NE	3m cable / PU / open end	64,00 €
97950461	CH33-05NE	5m cable / PU / open end	107,00 €
97950798	CH33-10NE	10m cable / PU / open end	191,00 €

CH-33 Series

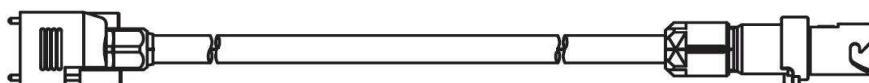
CH



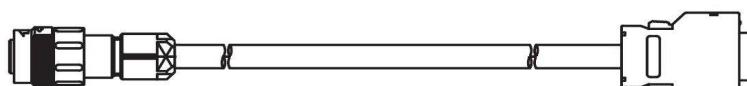
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97949275	CH33-06NEF	PU cable (6m) with Fanuc connector	236,00 €
97949276	CH33-09NEF	PU cable (9m) with Fanuc connector	236,00 €
97948334	CH33-10NEF	PU cable (10m) with Fanuc connector	236,00 €
97948246	CH33-15NEF	PU cable (15m) with Fanuc connector	330,00 €
97948811	CH33-03NPF	PVC cable (3m) with Fanuc connector	79,00 €
97948317	CH33-05NPF	PVC cable (5m) with Fanuc connector	99,00 €
97948437	CH33-10NPF	PVC cable (10m) with Fanuc connector	145,00 €
97948636	CH33-12NPF	PVC cable (12m) with Fanuc connector	186,00 €
97948439	CH33-18NPF	PVC cable (18m) with Fanuc connector	224,00 €
97948958	CH33-24NPF	PVC cable (24m) with Fanuc connector	368,00 €



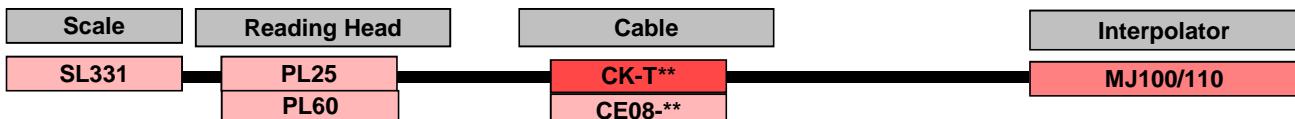
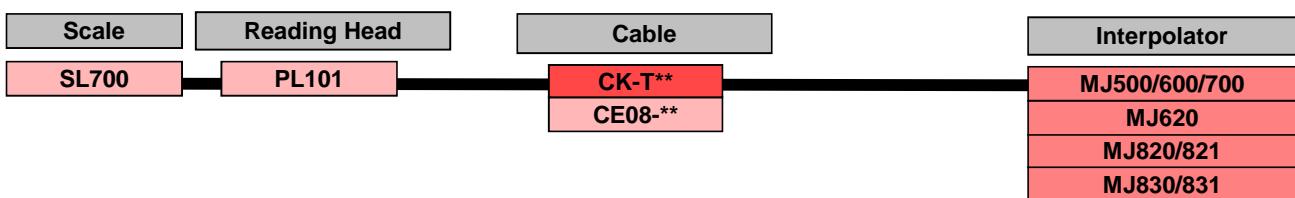
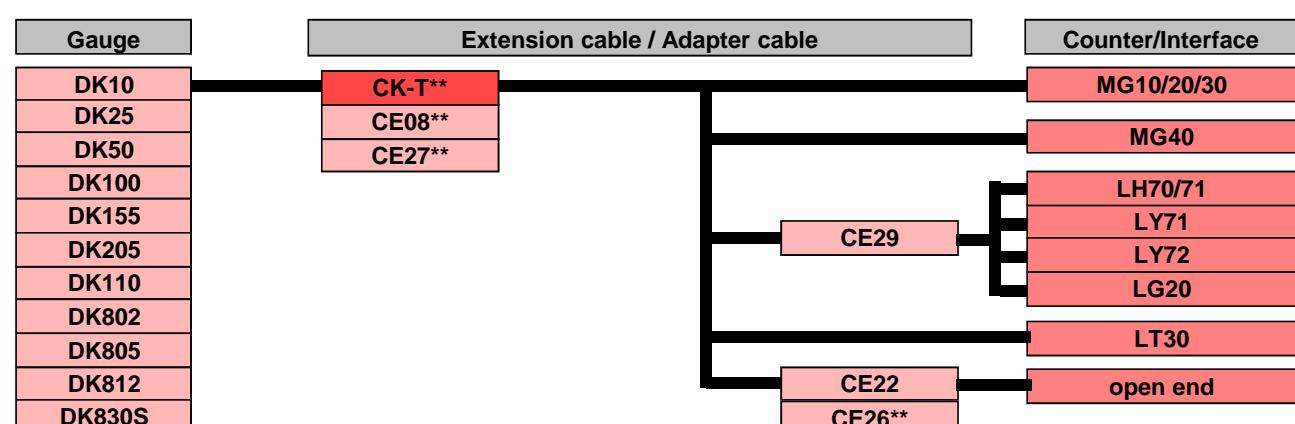
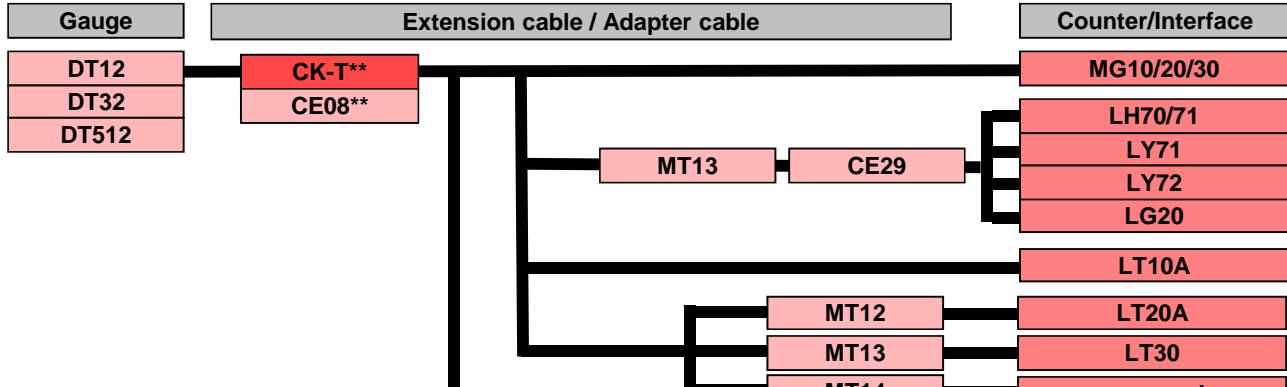
Product code	Product	Type	SRP
97949354	CH33-03NEG	PU cable (3m) with Panasonic / Yaskawa connector	104,00 €
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €



Product code	Product	Type	SRP
97948533	CH33-03NPK	PVC cable (3m) ; Scale side with coupling connector	79,00 €
97948655	CH33-06NPK	PVC cable (6m) ; Scale side with coupling connector	158,00 €
97948475	CH33-09NPK	PVC cable (9m) ; Scale side with coupling connector	158,00 €
97948656	CH33-15NPK	PVC cable (15m) ; Scale side with coupling connector	206,00 €



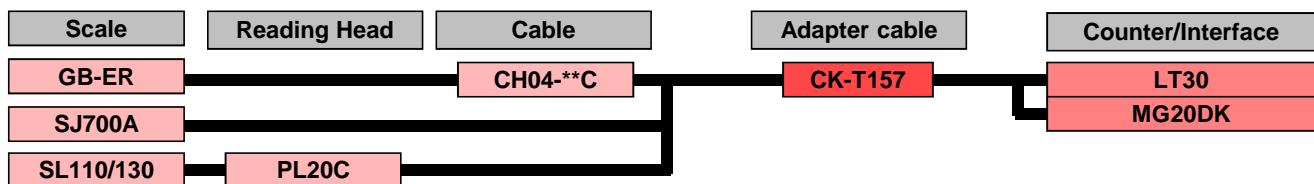
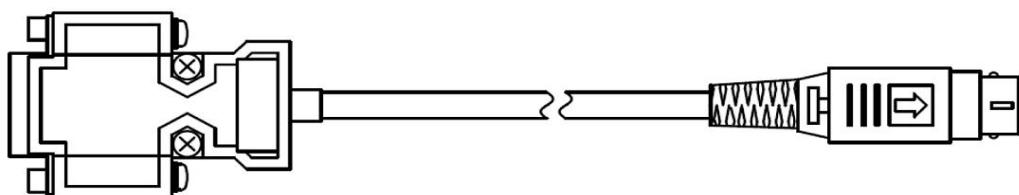
Product code	Product	Type	SRP
97948478	CH33-06NPQA	PVC cable (6m) Fanuc Controller side with coupling connector	219,00 €
97948657	CH33-09NPQA	PVC cable (9m) Fanuc Controller side with coupling connector	219,00 €
97948611	CH33-12NPMA	PVC cable (12m) Mitsubishi Controller side with coupling connector	232,00 €



Product code	Product	Model	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension cable (15m); High-flex cable	300,00 €

CK-T157 Series

CK



Product code	Product	Model	SRP
97938714	CK-T157	Adapter cable (0.3m D-Sub 9Pin female to Mini Din 8pin)	81,00 €

DZ*** Series

DZ

DZ250

Product code	Product	Model	SRP
97922029	DZ250	RS232C link cable; open end; D-SUB 25 male	60,00 €

DZ251

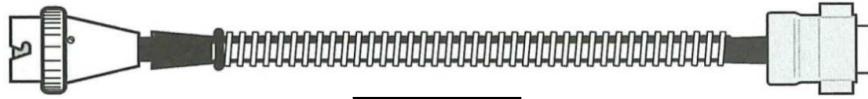
Product code	Product	Model	SRP
97920331	DZ251	RS232C link cable; open end; D-SUB 25 female	60,00 €

DZ252

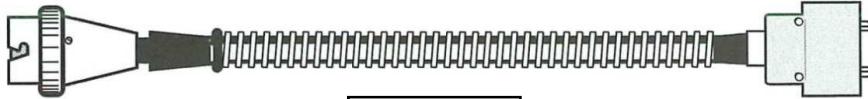
Product code	Product	Model	SRP
97920357	DZ252	RS232C link cable for LT/LY/MG; D-SUB 9 female mounted	94,00 €

HK

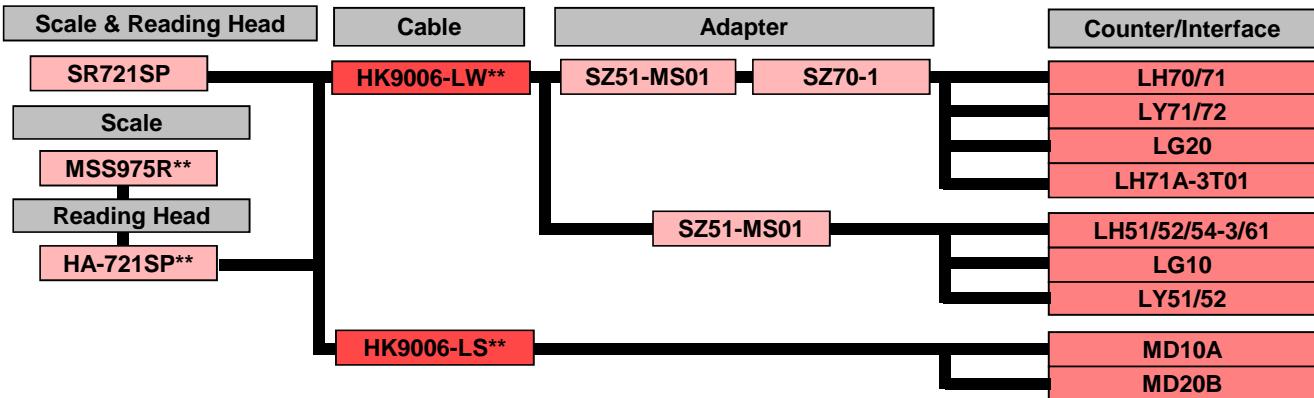
HK9006-LW*** / HK9006-LS*** Series



HK9006-LS**C



HK9006-LW**C

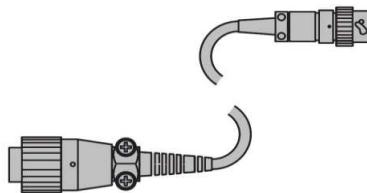


Product code	Product	Type	SRP
97990294	HK9006-LS03C	3m armored cable ((Hirose 8P/Sub-D15)	405,00 €
97990296	HK9006-LS10C	10m armored cable ((Hirose 8P/Sub-D15)	627,00 €

97990112	HK9006-LW03C	3m armored cable ((Hirose 8P/HA-31A)	407,00 €
97991247	HK9006-LW03N	3m not armored cable (Hirose 8P/HA-31A)	407,00 €

LZ

LZ40-** Series



Product code	Product	Model	SRP
97951101	LZ40-3	3m cable for touch sensor TS1 / TS-3	58,00 €
97951102	LZ40-5	5m cable for touch sensor TS1 / TS-3	64,00 €
97951103	LZ40-10	10m cable for touch sensor TS1 / TS-3	78,00 €

LZ** Series

LZ

LZ52

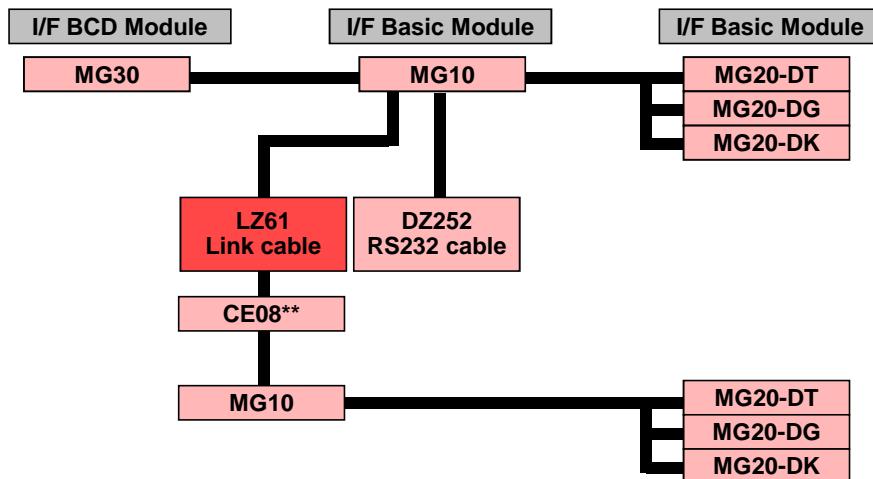
Product code	Product	Model	SRP
97968201	LZ52	Link cable for LY51/52 through RS-232C (Cable length 300mm)	64,00 €

LZ54

Product code	Product	Model	SRP
97977495	LZ54	I/O cable for LY51/52	133,00 €

LZ61 Series

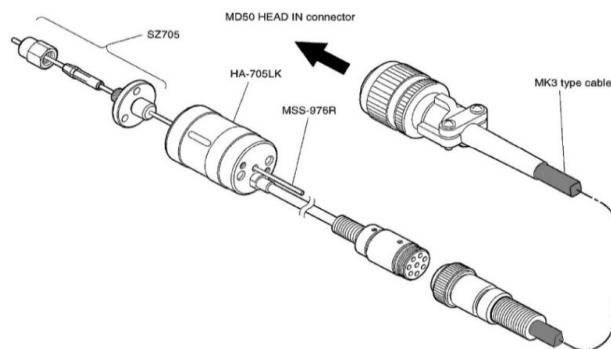
LZ



Product code	Product	Model	SRP
97973401	LZ61	Link cable between MG10 modules (1m)	44,00 €

MK

MK3-** Series

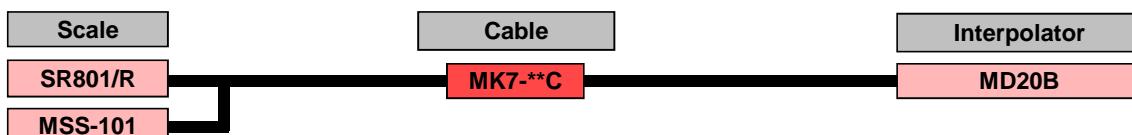
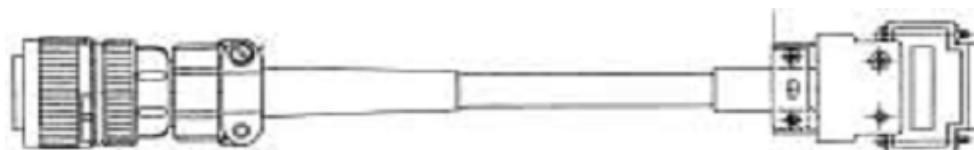


Rolling Mill cable including connector for HA-705LK and MD50

Product code	Product	Model	SRP
97921066	MK3-30	Cable (30m)	656,00 €
97921093	MK3-50	Cable (50m)	801,00 €
97921040	MK3-100	Cable (100m)	1.166,00 €
97921067	MK3-120	Cable (120m)	1.310,00 €
97921068	MK3-135	Cable (135m)	1.421,00 €
97921041	MK3-150	Cable (150m)	1.530,00 €

MK

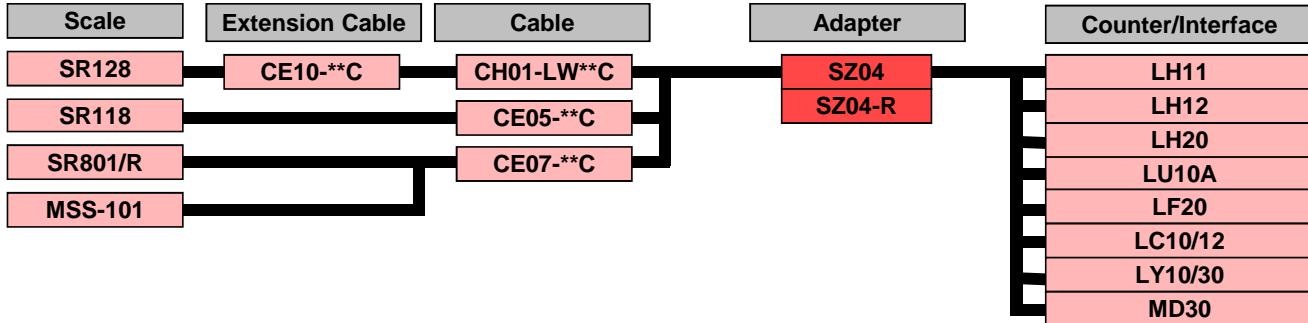
MK-**C Series



Product code	Product	Model	SRP
97921075	MK7-03C	Cable 3m (MSS-101/SR801 to MD20B)	327,00 €
97921076	MK7-05C	Cable 5m (MSS-101/SR801 to MD20B)	359,00 €
97921077	MK7-10C	Cable 10m (MSS-101/SR801 to MD20B)	439,00 €
97921078	MK7-15C	Cable 15m (MSS-101/SR801 to MD20B)	475,00 €

SZ04 / SZ04R Series

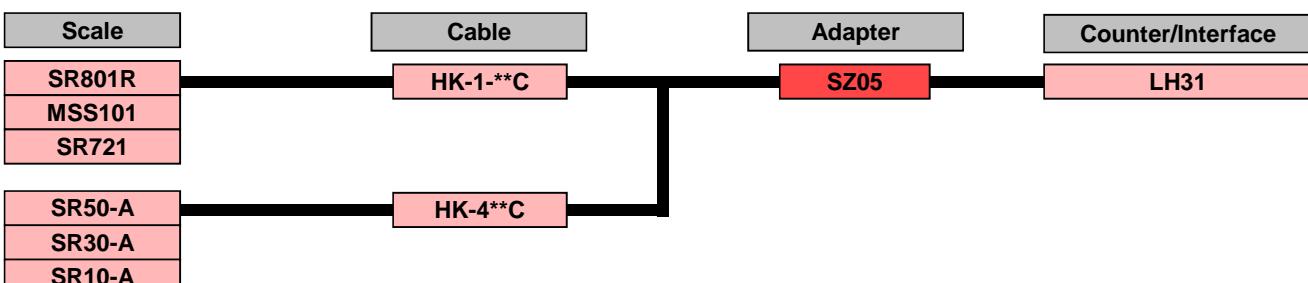
SZ



Product code	Product	Model	SRP
97951801	SZ04	Adapter	63,00 €
97953601	SZ04-R	Adapter for external reference point	63,00 €

SZ05 Series

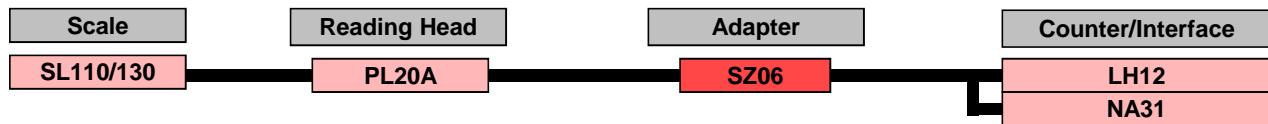
SZ



Product code	Product	Model	SRP
97954401	SZ05	Adapter	63,00 €
97938857	SZ05-T01	Adapte for GP, GS, GF, GF-R and GM to LH70/LH71/LG20	304,00 €

SZ

SZ06 Series



Product code	Product	Model	SRP
97954501	SZ06	Adapter	63,00 €

SZ

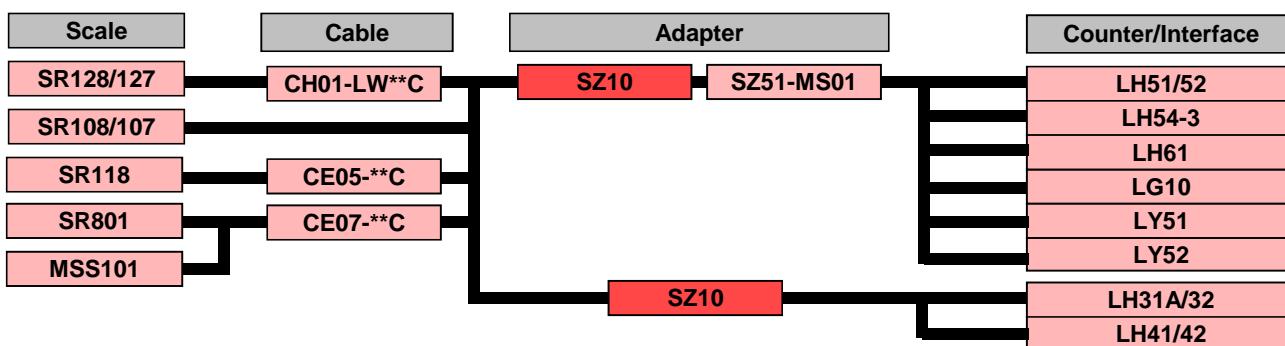
SZ09 Series



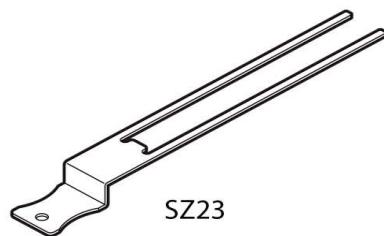
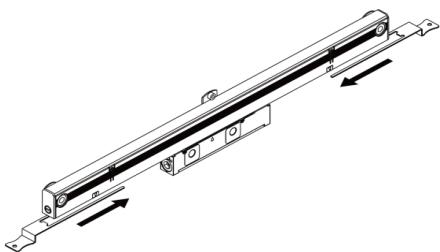
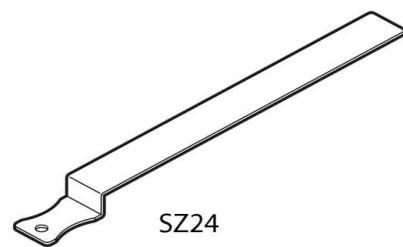
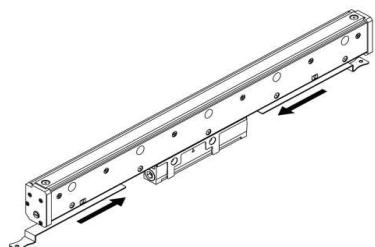
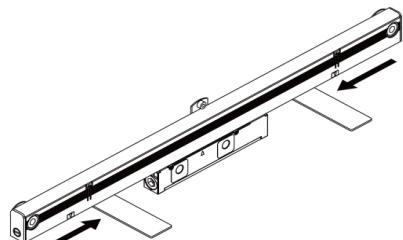
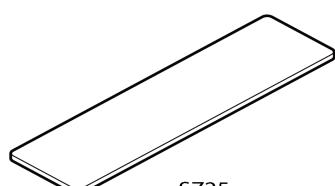
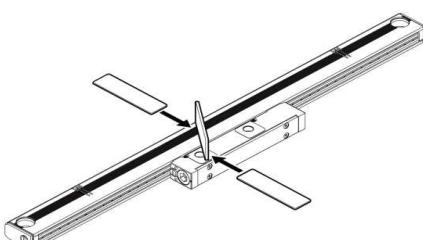
Product code	Product	Model	SRP
97954601	SZ09	Adapter	64,00 €

SZ

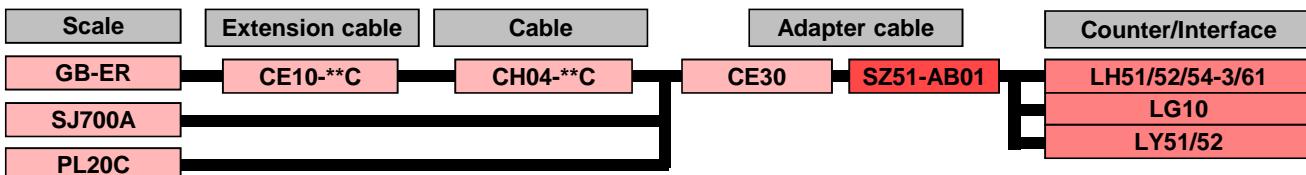
SZ10 Series



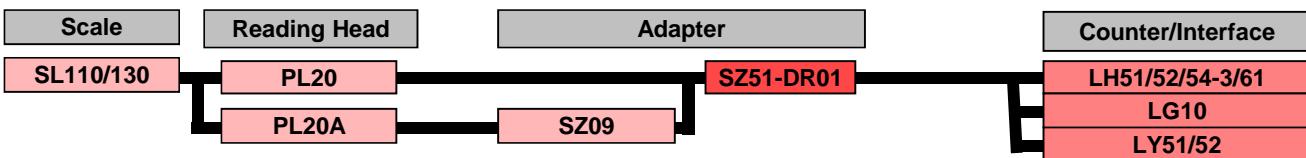
Product code	Product	Model	SRP
97962101	SZ10	Adapter external zero point sensor (PH500 sensor with PG104 magnet)	194,00 €

SZ23**SZ****SZ24****SZ****SZ25****SZ****SZ25****SZ**

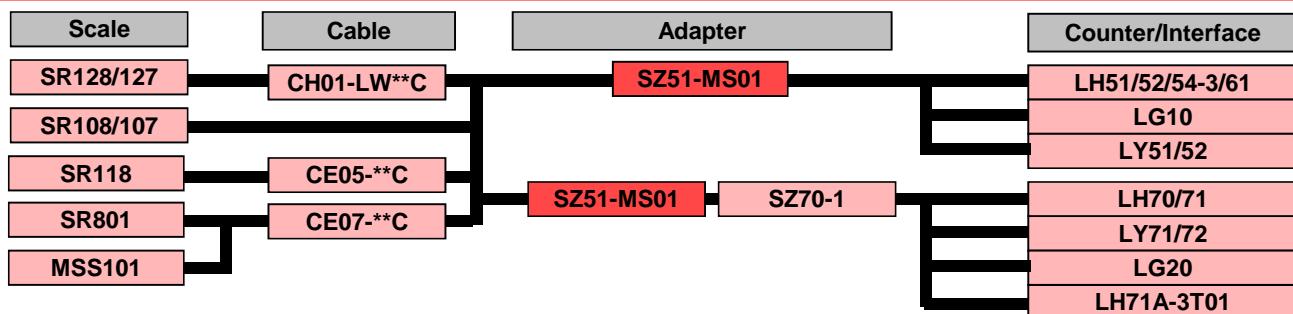
Product code	Product	Model	SRP
97929952	SZ25	Mounting Spacer for SR20/60 Series	47,00 €

SZ**SZ51-AB01 Series**

Product code	Product	Model	SRP
97930125	SZ51-AB01	Adapter	61,00 €

SZ**SZ51-DR01 Series**

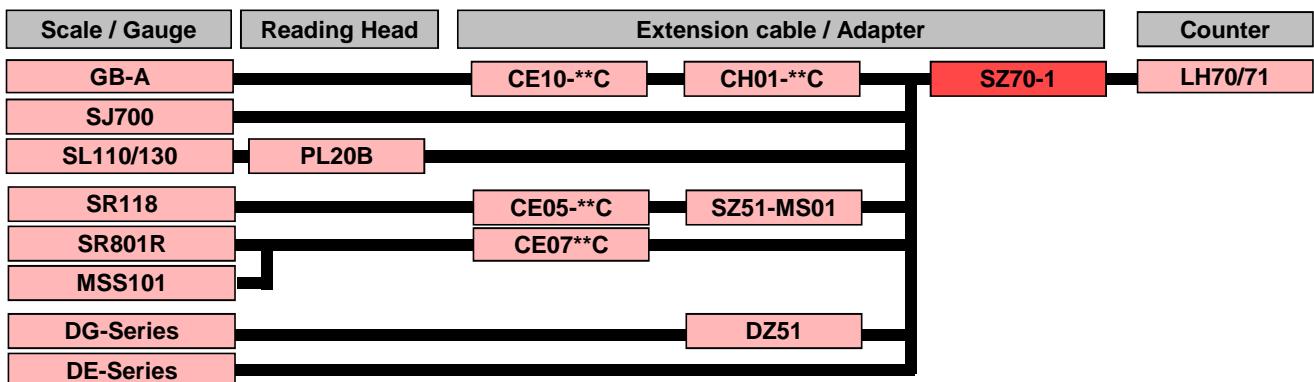
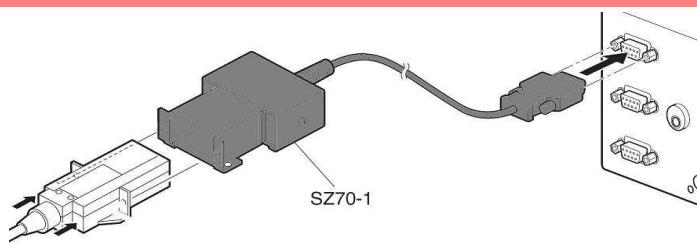
Product code	Product	Model	SRP
97967303	SZ51-DR01	Adapter	64,00 €

SZ**SZ51-MS01 Series**

Product code	Product	Model	SRP
97967301	SZ51-MS01	Adapter	64,00 €

SZ70-1 Series

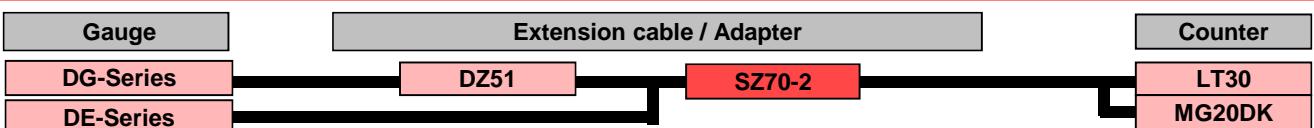
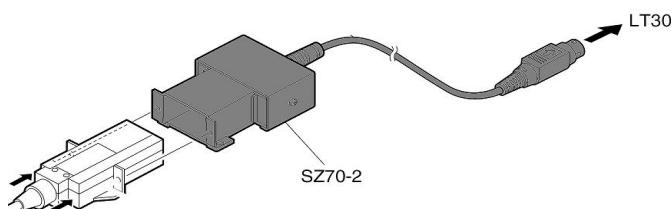
SZ



Product code	Product	Model	SRP
97928115	SZ70-1	Adapter	91,00 €

SZ70-2 Series

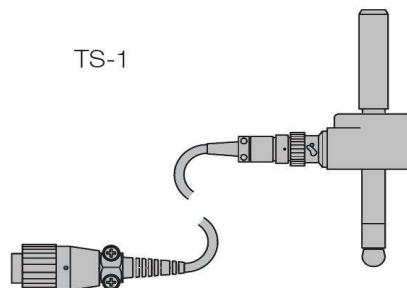
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Product code	Product	Model	SRP
97928726	SZ70-2	Adapter	161,00 €

TS

TS-* Touch sensor



TS-1

Product code	Product	Model	SRP
97923020	TS-1	Touch sensor	156,00 €

Product code	Product	Touch sensors with cable to: LH31/32 LH51/52/54/61 LH71-3T01	
97953501	TS-103A	Touch sensor TS-1 with LZ40-3 cable	300,00 €
97953502	TS-105A	Touch sensor TS-1 with LZ40-5 cable	308,00 €
97953503	TS-110A	Touch sensor TS-1 with LZ40-10 cable	321,00 €

Product code	Product	Cable for TS-* connect to: LH31/32 LH51/52/54 LH61 LH71-3T01	
97951101	LZ40-3	Cable 3m	58,00 €
97951102	LZ40-5	Cable 5m	64,00 €
97951103	LZ40-10	Cable 10m	78,00 €

Product code	Product	Cable for TS-* for old display: LA, LF, LM or older than LH31/32	
97921042	C-3	Cable 3m	55,00 €
97921043	C-5	Cable 5m	61,00 €

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