

# Magnescale

SPEED X PRECISION

## Price list April 2013

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 Gauge



Digital Readout



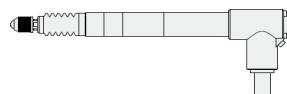
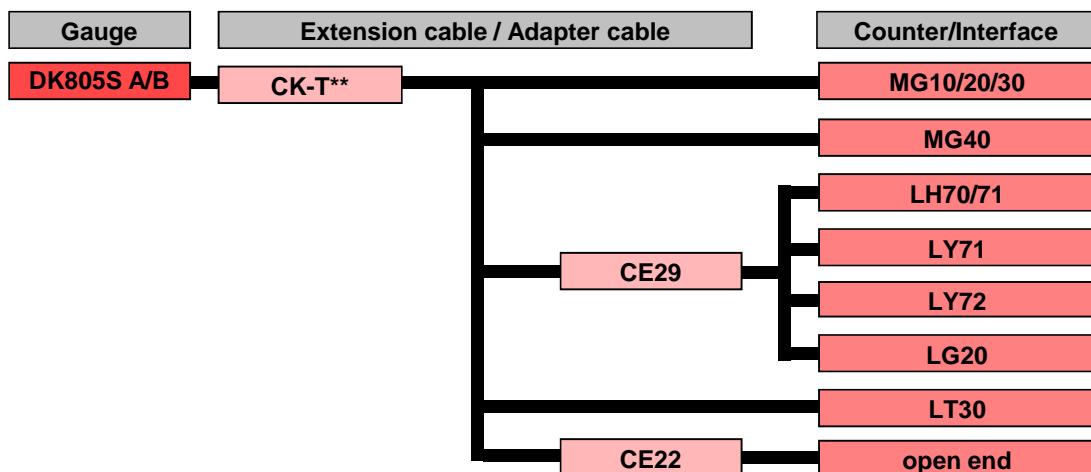
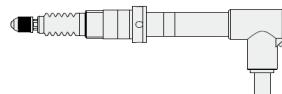
Feedback Scale

## Digital Measuring Equipment

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DK805SAR/DK805SAR5  
DK805SBR/DK805SBR5DK805SAFR/DK805SAFR5  
DK805SBFR/DK805SBFR5DK805SALR/DK805SALR5  
DK805SBLR/DK805SBLR5DK805SAFLR/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 €

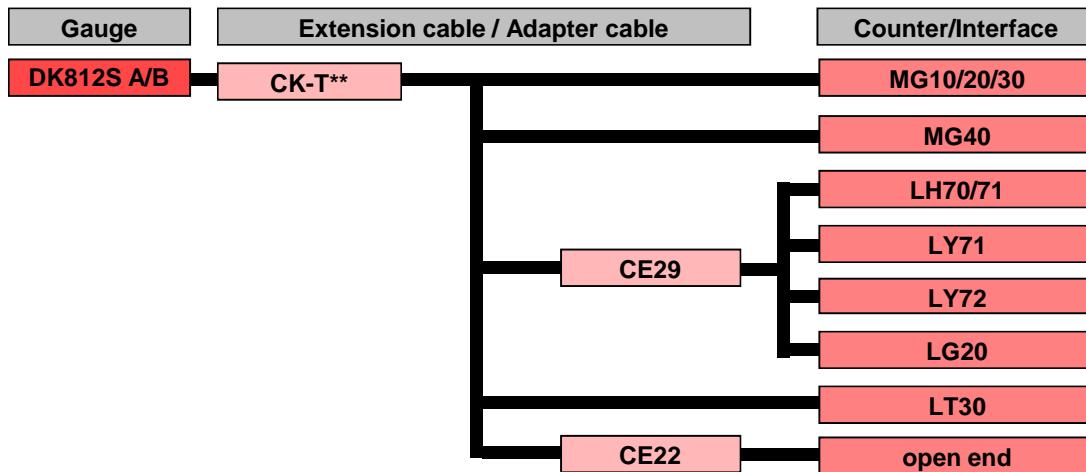
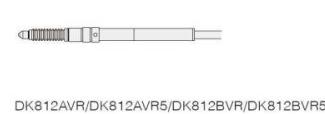
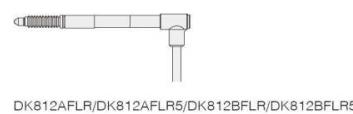
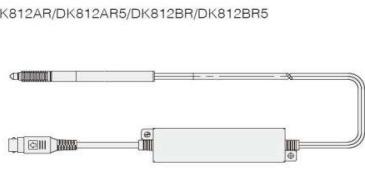
Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 42m/min Measuring length: 5mm

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 €

DK812ALR/DK812ALR5/DK812BLR/DK812BLR5

DK812AFR/DK812AFR5/DK812BFR/DK812BFR5

DK812AR/DK812AR5/DK812BR/DK812BR5



Resolution: 0,5µm Accuracy: 1,5µm p-p Max response speed 250m/min Measuring length: 12mm

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

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

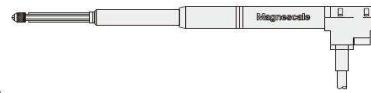
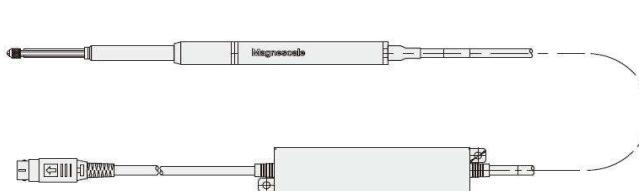
Product code	Product	Model	SRP
97929805	DK812SAR	Straight	932,00 €
97929807	DK812SALR	Right angel	952,00 €
97929813	DK812SAFR	Flange / Straight	989,00 €
97929815	DK812SAFLR	Flange / Right angle	1.004,00 €
97929825	DK812SAVR	Pneumatic push / Right angel	1.004,00 €

Resolution: 0,1µm Accuracy: 1µm p-p Max response speed 42m/min Measuring length: 12mm

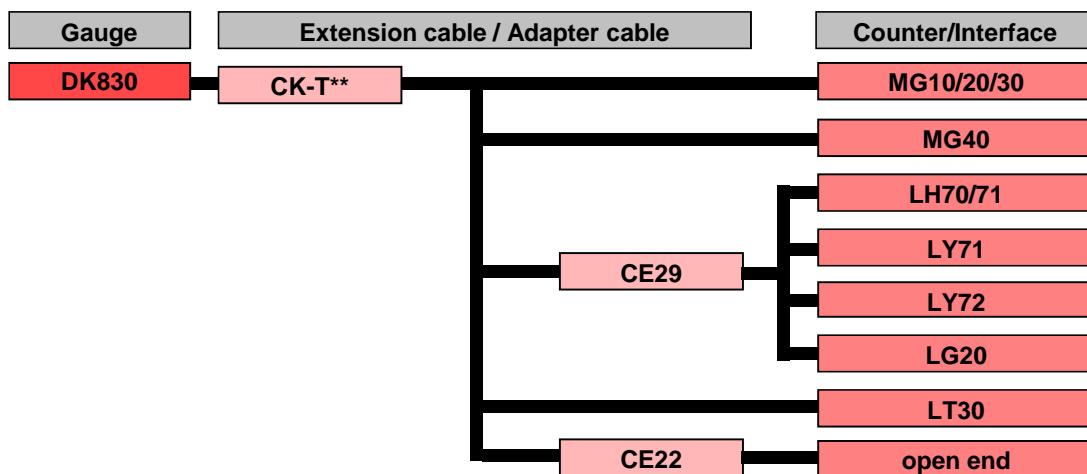
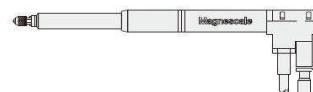
Product code	Product	Model	SRP
97929809	DK812SBR	Straight	834,00 €
97929811	DK812SBLR	Right angel	851,00 €
97929817	DK812SBFR	Flange / Straight	885,00 €
97929819	DK812SBFLR	Flange / Right angle	898,00 €
97929827	DK812SBVR	Pneumatic push / Right angel	898,00 €

DK830SLR

DK830SR



DK830SVR



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

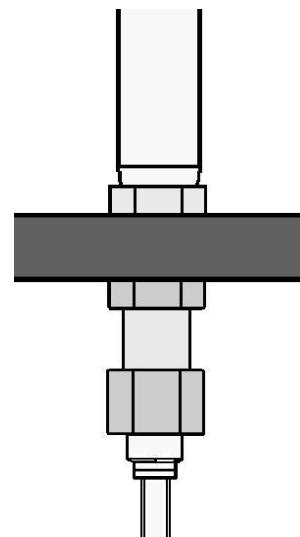
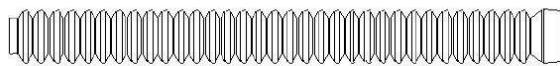
Product code	Product	Model	SRP
97951256	DK830SRB	Straight	1.210,00 €
97951252	DK830SLRB	Right angel	1.300,00 €
97951258	DK830SVRB	Pneumatic push / Right angel	1.395,00 €

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□□**

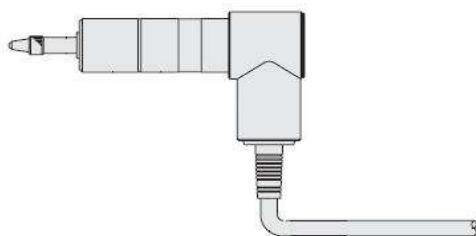
Pulse width	Symbol
50ns(Standard)	Blank
100ns	B
300ns	C
500ns	D

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

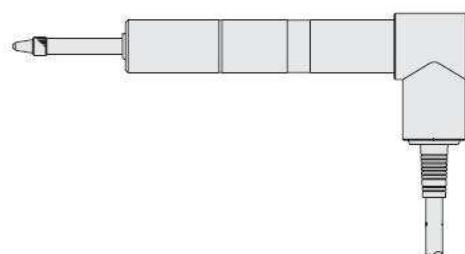
\*Combination described below can be ordered.

		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		100	33	
	1µm		200	66	40

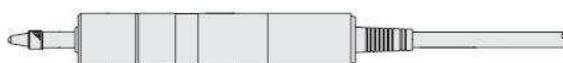
DK10PLR5



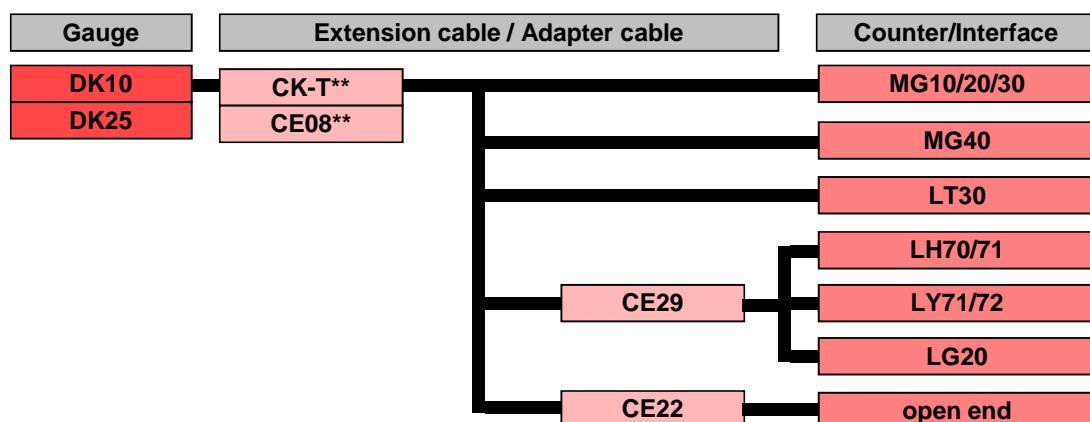
DK25NLR5/PLR5



DK10NR5/PR5



DK25NR5/PR5



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 €

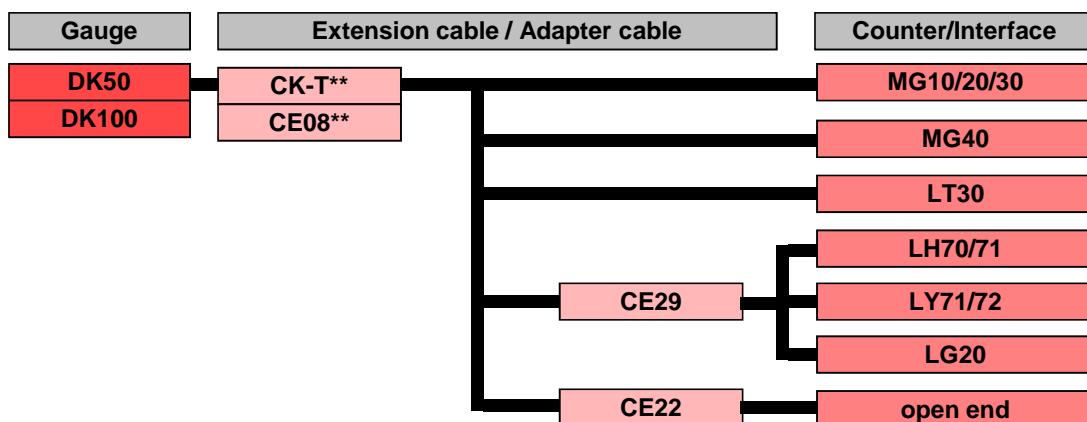
Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 250m/min Measuring length: 25mm

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



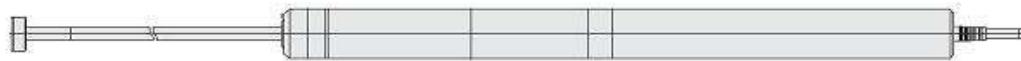
Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 250m/min Measuring length: 50mm

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

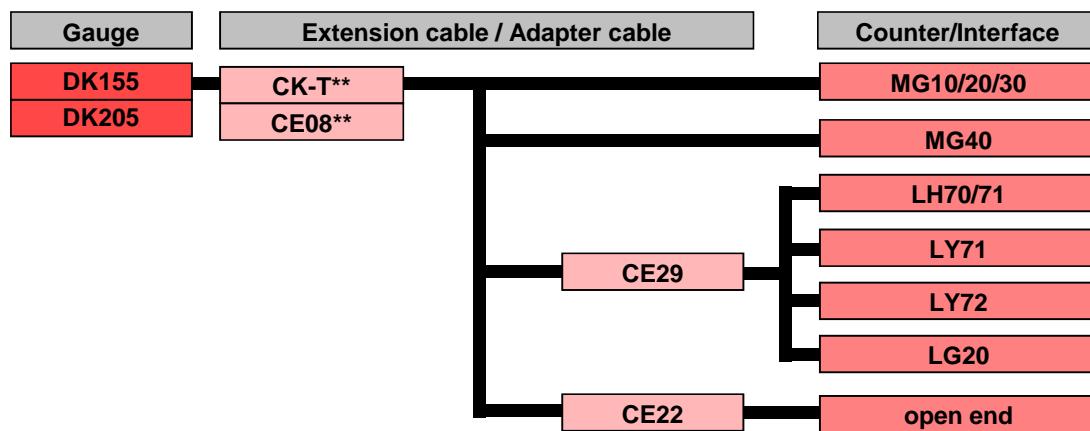
Resolution: 0,5µm Accuracy: 4µm p-p Max response speed 250m/min Measuring length: 100mm

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

DK155PR5



DK205PR5

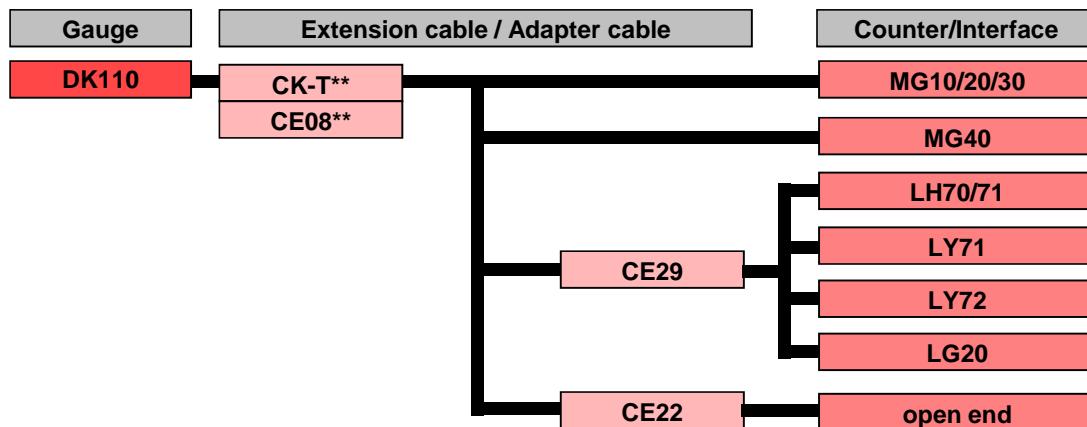
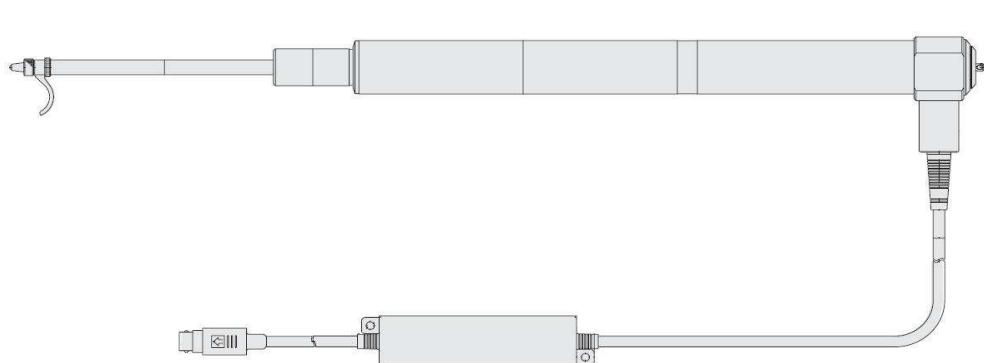


Resolution: 0,5µm Accuracy: 5µm p-p Max response speed 250m/min Measuring length: 155mm

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

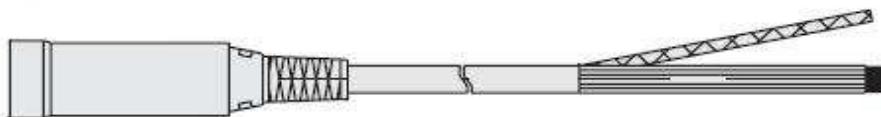
Product code	Product	Model	SRP
97928695	DK205PR5	Straight / Protected type / gravity driven	1.611,00 €



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 €

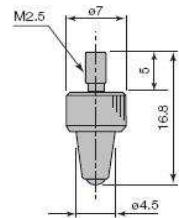
**CE08-\*\*****CK-T\*\*****CE22-\*\***

Product code	Product	Model	SRP
97924996	<b>CK-T12</b>	Extension cable (1m); High-flex cable	72,00 €
97924997	<b>CK-T13</b>	Extension cable (3m); High-flex cable	92,00 €
97924998	<b>CK-T14</b>	Extension cable (5m); High-flex cable	114,00 €
97924999	<b>CK-T15</b>	Extension cable (10m); High-flex cable	164,00 €
97930000	<b>CK-T16</b>	Extension cable (15m); High-flex cable	300,00 €
97958805	<b>CE08-01</b>	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	<b>CE08-03</b>	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	<b>CE08-05</b>	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	<b>CE08-10</b>	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	<b>CE08-15</b>	Extension cable 15m (It is not suitable to use of moving parts)	188,00 €
97928116	<b>CE22-01</b>	Extension cable with open end (1m); High-flex cable	60,00 €
97928117	<b>CE22-03</b>	Extension cable with open end (3m); High-flex cable	74,00 €
97928118	<b>CE22-05</b>	Extension cable with open end (5m); High-flex cable	91,00 €
97928119	<b>CE22-10</b>	Extension cable with open end (10m); High-flex cable	131,00 €
97928696	<b>CE29-003</b>	Adapter cable (0.3m) to connect to LH70/71 LY71/72 LG20	67,00 €
97928697	<b>CE29-01</b>	Adapter cable (1m) to connect to LH70/71 LY71/72 LG20	67,00 €
97928698	<b>CE29-03</b>	Adapter cable (3m) to connect to LH70/71 LY71/72 LG20	81,00 €
97928699	<b>CE29-05</b>	Adapter cable (5m) to connect to LH70/71 LY71/72 LG20	101,00 €
97928700	<b>CE29-10</b>	Adapter cable (10m) to connect to LH70/71 LY71/72 LG20	133,00 €

**Recommended for the DK802 / DK812 Series  
if extension cable longer than 3m is needed**

High-flex cable Thick cable type (Low impedance, robust )			
Product code	Product	Model	SRP
97931990	<b>CE26-01</b>	Extension cable with open end (1m)	103,00 €
97931991	<b>CE26-03</b>	Extension cable with open end (3m)	121,00 €
97931992	<b>CE26-05</b>	Extension cable with open end (5m)	142,00 €
97931993	<b>CE26-10</b>	Extension cable with open end (10m)	189,00 €
97931994	<b>CE27-01</b>	Extension cable (1m)	151,00 €
97931995	<b>CE27-03</b>	Extension cable (3m)	169,00 €
97931996	<b>CE27-05</b>	Extension cable (5m)	189,00 €
97931997	<b>CE27-10</b>	Extension cable (10m)	236,00 €

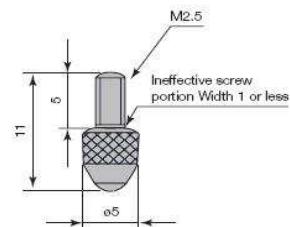
DZ-122 Feeler (for DK Series, DG10B and DG50B)



- Contact point: ø 2.5 mm/0.098" carbide ball  
tip (mounting screw: M2.5 x 0.45)

Unit : mm

DZ-123 Feeler (for DK Series, DG805BL/810B/810BL)



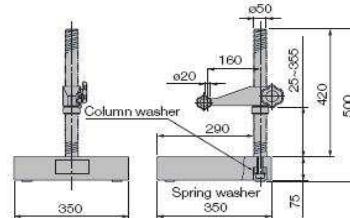
- Contact point: ø 3 mm/0.118" carbide ball  
tip (mounting screw: M2.5 x 0.4)

Unit : mm

DZ-531 Digital gauging stand (for DK110, DG110B)

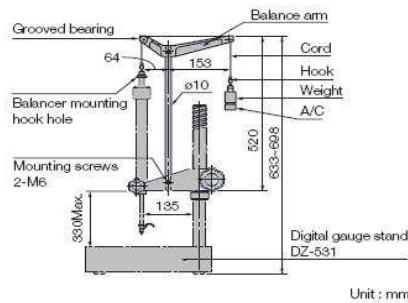


- Surface plate material: gabbro
- Surface plate flatness: 3 µm
- Surface plate size: 350mm (13.78") x 350mm (13.78")
- Maximum workpiece height: approx. 330mm (12.99")
- Gauge mounting hole: ø 20mm (0.79")
- Mass: 38kg(83.8 lbs)



Unit : mm

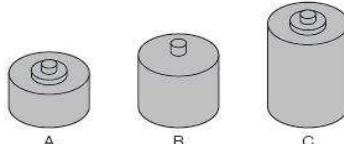
DZ-581 Measuring force balancer (for DK110, DG110B)



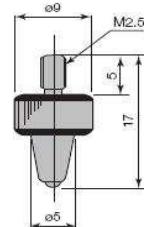
Unit : mm

## Weight

- No weight: 1.55±0.15N(155±15gf)
- B: 1.0±0.15N(100±15gf)
- B+A: 0.7±0.15N(70±15gf)
- B+C: 0.3±0.15N(30±15gf)



DZ-121 Feeler (for DK100, DG100BP/BN)



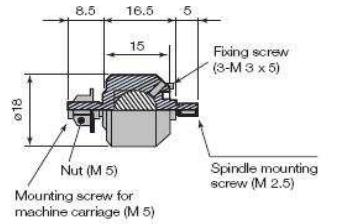
- Contact point: ø 2.5 mm/0.098" carbide ball  
tip (mounting screw: M2.5 x 0.45)

Unit : mm

## Other accessories

- CE08Extension cable : CE08-01 (1m)、03 (3m)、05 (5m)、10 (10m)、15 (15m)
- CE22Extension cable (Ahead in pieces) : CE22-01 (1m)、03 (3m)、05 (5m)、10 (10m)
- CK-TExtension cable (Winding-proof) : CK-T12 (1m)、T13 (3m)、T14 (5m)、T15 (10m)

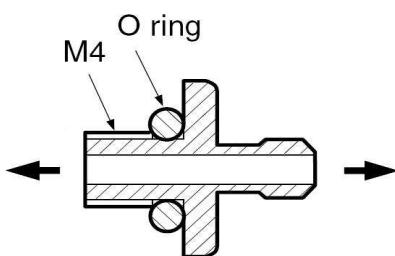
DZ-191 Coupling



Unit : mm

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

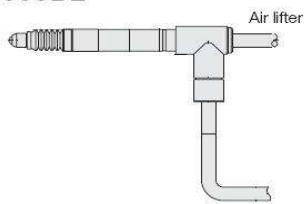
To be order from GeBoTech



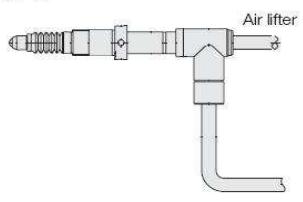
Product code	Product	Type	SRP
000931714	<b>Fitting-D01 Set</b>	Airlifter Fitting for Vacuum use (DK802/805/812) only right angle type	



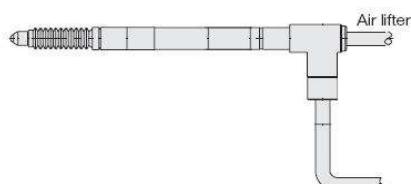
DG805BL



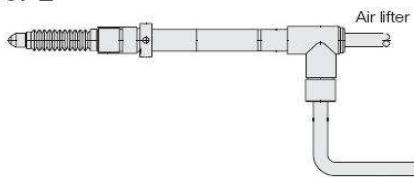
DG805FL



DG810BL



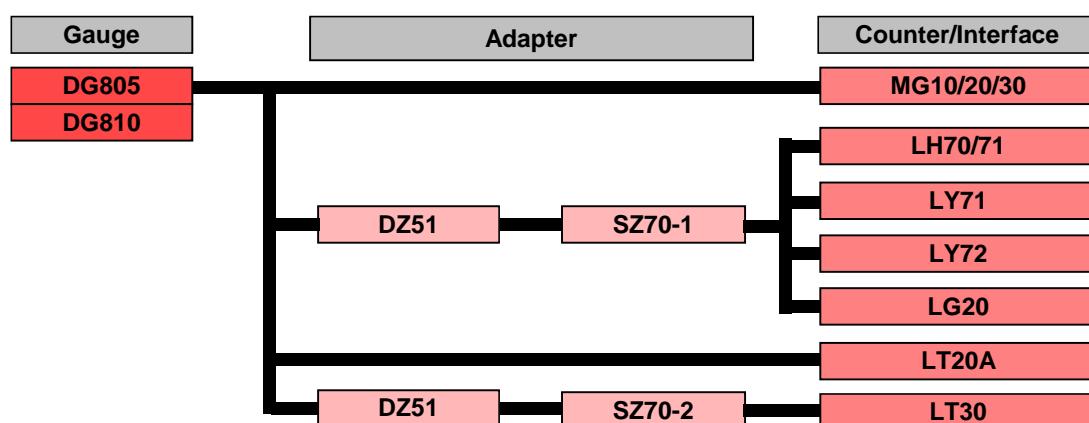
DG810FL



DG810B



DG810F



Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 60m/min Measuring length: 5,2mm

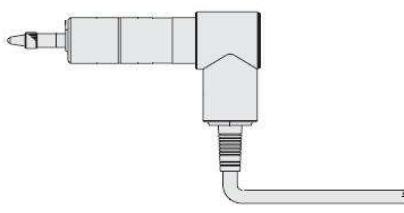
Product code	Product	Model	SRP
97967801	DG805BL	Angle type	869,00 €
97970901	DG805FL	Flange / Angle type	894,00 €

Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 60m/min Measuring length: 10mm

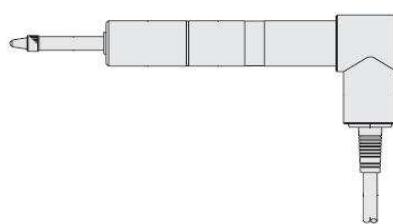
Product code	Product	Model	SRP
97967811	DG810B	Straight type	878,00 €
97967821	DG810BL	Angle type	878,00 €
97971001	DG810F	Flange / Straight type	899,00 €
97971101	DG810FL	Flange / Angle type	899,00 €

97993253	DZ801	Air Lifter (DG805BL/810BL)	147,00 €
97967101	DZ51	Adapter for Gauge	46,00 €
97928115	SZ70-1	Adapter for LH70/71 LY71/72 LD20	91,00 €
97928726	SZ70-2	Adapter for LT30	161,00 €

DG10BS



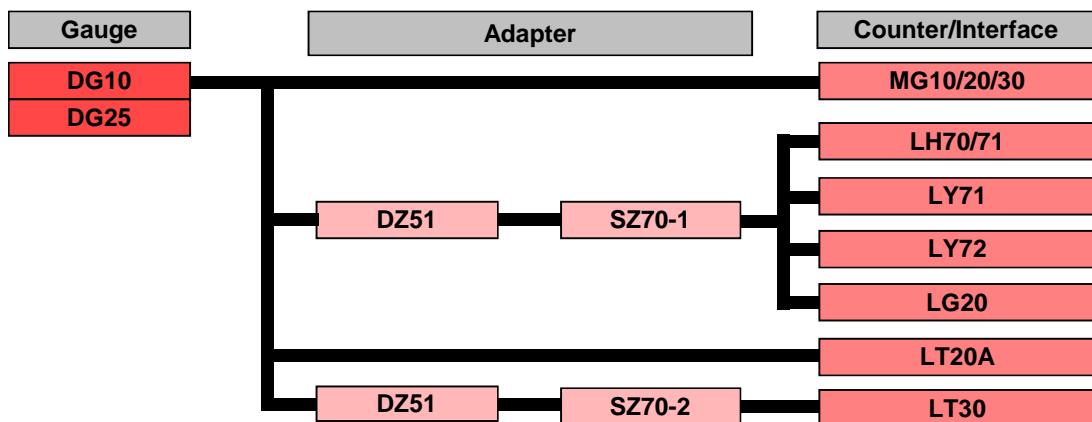
DG25BS/BL



DG10BN/BP



DG25BN/BP



Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 60m/min Measuring length: 10mm

Product code	Product	Model	SRP
97967831	DG10BN	Straight	732,00 €
97967841	DG10BP	Straight / Protected type	710,00 €
97967851	DG10BS	Right angel / Protected type	710,00 €

Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 60m/min Measuring length: 25mm

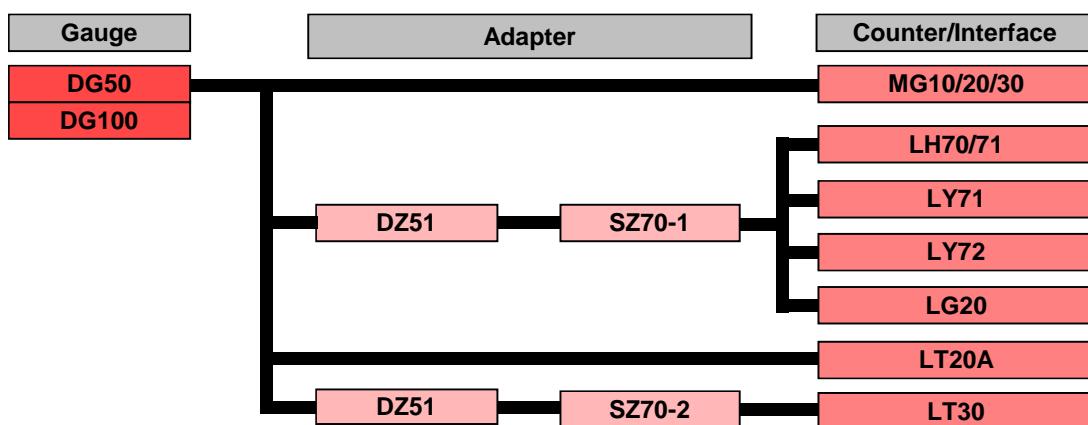
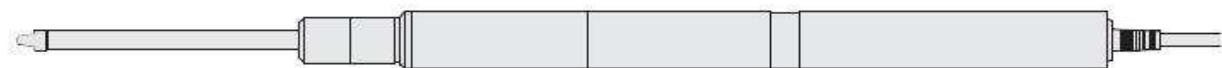
Product code	Product	Model	SRP
97967861	DG25BN	Straight	773,00 €
97967871	DG25BP	Straight / Protected type	773,00 €
97967881	DG25BS	Right angel / Protected type	773,00 €
97967891	DG25BL	Right angel	773,00 €

97967101	DZ51	Adapter for Gauge	45,00 €
97928115	SZ70-1	Adapter for LH70/71 LY71/72 LD20	89,00 €
97928726	SZ70-2	Adapter for LT30	158,00 €

## DG50BN/BP



## DG100BN/BP



Resolution: 0,5µm Accuracy: 2µm p-p Max response speed 60m/min Measuring length: 50mm

Product code	Product	Model	SRP
97967901	DG50BN	Straight	853,00 €
97967911	DG50BP	Straight / Protected type	853,00 €

Resolution: 0,5µm Accuracy: 4µm p-p Max response speed 60m/min Measuring length: 100mm

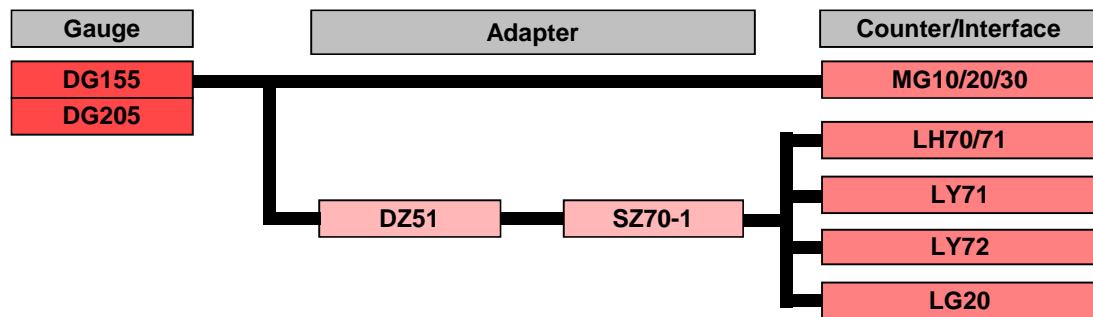
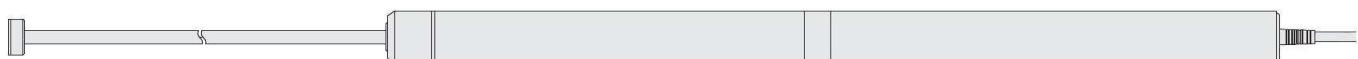
Product code	Product	Model	SRP
97967921	DG100BN	Straight	1.196,00 €
97967931	DG100BP	Straight / Protected type	1.196,00 €

97967101	DZ51	Adapter for Gauge	45,00 €
97928115	SZ70-1	Adapter for LH70/71 LY71/72 LD20	89,00 €
97928726	SZ70-2	Adapter for LT30	158,00 €

DG155BP



DG205BP



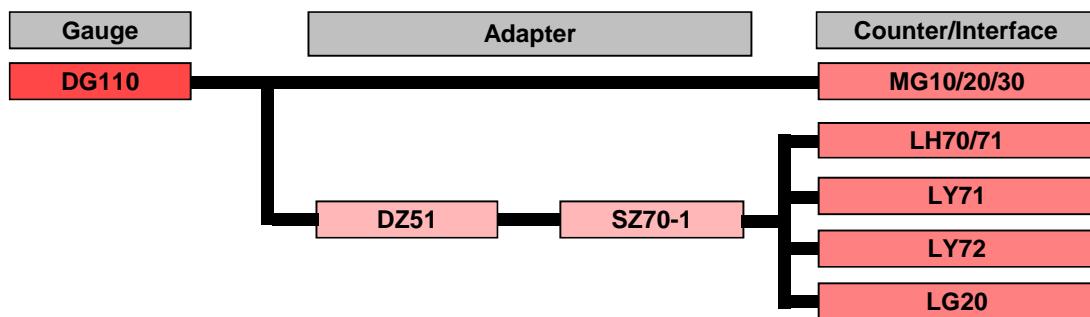
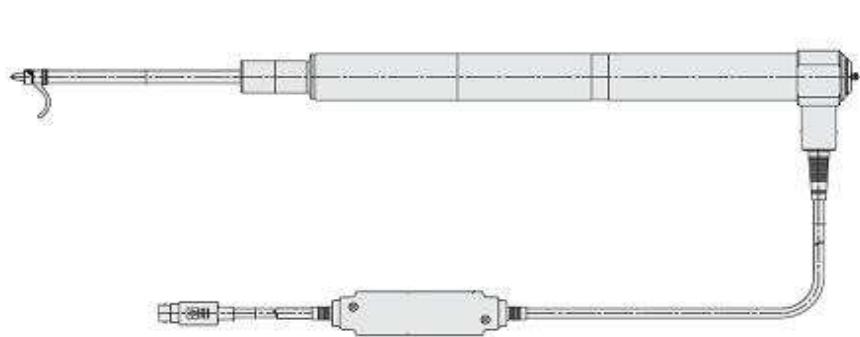
Resolution: 0,5µm Accuracy: 5µm p-p Max response speed 60m/min Measuring length: 155mm

Product code	Product	Model	SRP
97967951	DG155BP	Straight / Protected type / Gravity driven	1.359,00 €

Resolution: 0,5µm Accuracy: 6µm p-p Max response speed 60m/min Measuring length: 205mm

Product code	Product	Model	SRP
97967961	DG205BP	Straight / Protected type / Gravity driven	1.507,00 €

97967101	DZ51	Adapter for Gauge	45,00 €
97928115	SZ70-1	Adapter for LH70/71 LY71/72 LD20	89,00 €



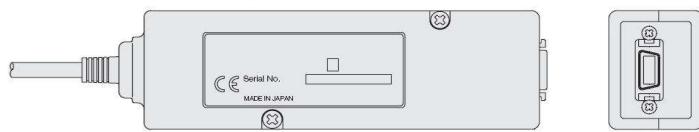
Resolution: 0,5µm Accuracy: 4µm p-p Max response speed 60m/min Measuring length: 110mm

Product code	Product	Model	SRP
97967941	DG110B	Straight	1.703,00 €

97967101	DZ51	Adapter for Gauge	45,00 €
97922011	DZ531	Gauge stand (DG/DK110)	2.156,00 €
97922014	DZ581	Measuring force balancer (DG/DK110)	507,00 €
97928115	SZ70-1	Adapter for LH70/71 LY71/72 LD20	89,00 €



A/B quadrature output type



## DG-M Series with TTL (RS422) Output signal (5V DC +/-5%)

Product code	Product	Model	SRP
97977529	DG10BNM	Straight	897,00 €
97977530	DG10BPM	Straight / Protected type	897,00 €
97977531	DG10BSM	Right angel / Protected type	897,00 €
97977532	DG25BNM	Straight	969,00 €
97977533	DG25BPM	Straight / Protected type	969,00 €
97977534	DG25BLM	Right angel	969,00 €
97977535	DG25BSM	Right angel / Protected type	969,00 €
97977536	DG50BNM	Straight	1.062,00 €
97977537	DG50BPM	Straight / Protected type	1.062,00 €
97977538	DG100BNM	Straight	1.451,00 €
97977539	DG100BPM	Straight / Protected type	1.451,00 €
97977540	DG110BM	Straight	2.033,00 €
97977541	DG155BPM	Straight / Protected type / gravity driven	1.671,00 €
97977542	DG205BPM	Straight / Protected type / gravity driven	1.843,00 €
97977523	DG805BLM	Right angel	1.098,00 €
97977524	DG810BM	Straight	996,00 €
97977525	DG810BLM	Right angel	996,00 €
97977526	DG805FLE	Flange / Right angle	1.129,00 €
97977527	DG810FM	Flange / Straight	1.034,00 €
97977528	DG810FLE	Flange / Right angle	1.034,00 €

## DG-E Series with TTL (RS422) Output signal (11V-28V DC)

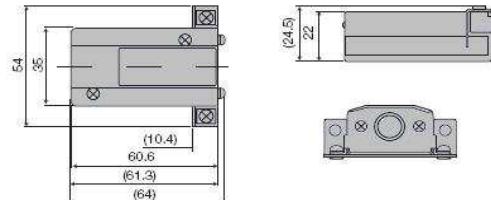
Product code	Product	Model	SRP
97977549	DG10BNE	Straight	897,00 €
97977550	DG10BPE	Straight / Protected type	897,00 €
97977551	DG10BSE	Right angel / Protected type	897,00 €
97977552	DG25BNE	Straight	969,00 €
97977553	DG25BPE	Straight / Protected type	969,00 €
97977554	DG25BLE	Right angel	969,00 €
97977555	DG25BSE	Right angel / Protected type	969,00 €
97977556	DG50BNE	Straight	1.062,00 €
97977557	DG50BPE	Straight / Protected type	1.062,00 €
97977558	DG100BNE	Straight	1.451,00 €
97977559	DG100BPE	Straight / Protected type	1.451,00 €
97977560	DG110BE	Straight	2.033,00 €
97977561	DG155BPE	Straight / Protected type / gravity driven	1.671,00 €
97977562	DG205BPE	Straight / Protected type / gravity driven	1.843,00 €
97977543	DG805BLE	Right angel	1.098,00 €
97977544	DG810BE	Straight	996,00 €
97977545	DG810BLE	Right angel	996,00 €
97977546	DG805FLE	Flange / Right angle	1.129,00 €
97977547	DG810FE	Flange / Straight	1.034,00 €
97977548	DG810FLE	Flange / Right angle	1.034,00 €

## Local purchase part from Yamazen

000932015	Set-7	Connector Set 7 for RS422 Gauges (DG-M/E Series)	
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**DZ51 (Relay adapter)** For connections of DG-B, DL-BR, DL-B and DT12/32N/P\* to LG, LH and LY displays

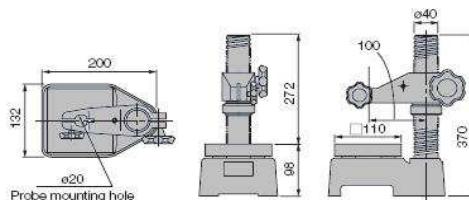
\*To connect the DT12/32N/P\*, use the DZ51 in combination with the MT10 detector.



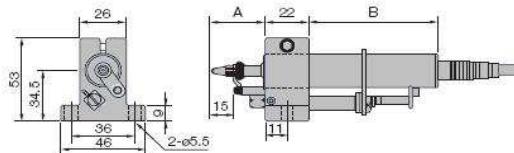
Unit : mm

**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)

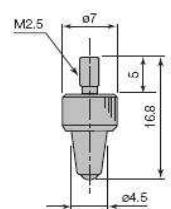


Unit : mm

**DZ174-010/025/050 Air lifter (for DG10B to DG50B)**

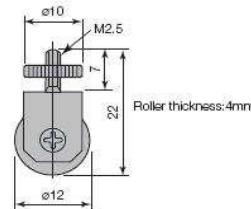
Measuring unit	A	B	Measuring unit	A	B
DG10BP/BN	32.5	75.5	DG25BS	47.5	98.5
DG10BS	32.5	56	DG25BL	47.5	98.5
DG25BP/BN	47.5	118	DG50BP/BN	72	200

Unit : mm

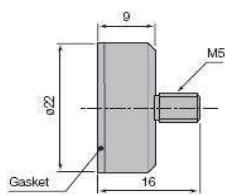
**DZ-122 Feeler (for DG10B to DG50B)**

- Contact point: ø 2.5 mm/0.098" carbide ball tip (mounting screw: M2.5 x 0.45)

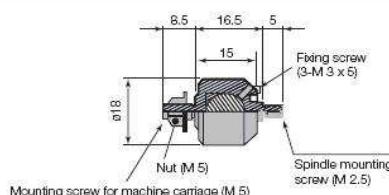
Unit : mm

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

Unit : mm

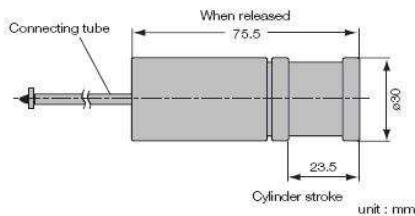
**DZ-181 Magnetic contact point feeler (for DG155BP/205BP)**

Unit : mm

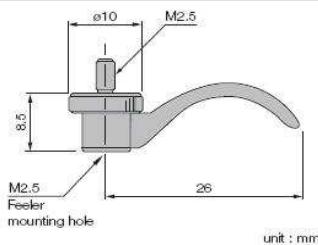
**DZ-191 Coupling**

Unit : mm

DZ-801 Air lifter (for DG805BL/810BL)



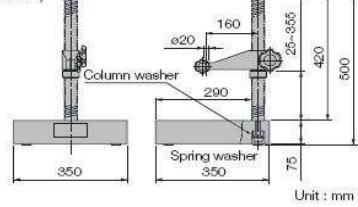
DZ-161 Lift lever (for DG-B except DG155BP/205BP; standard accessory for the DG110B)



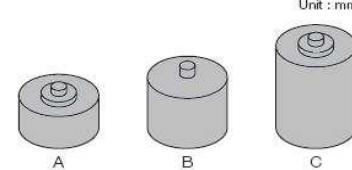
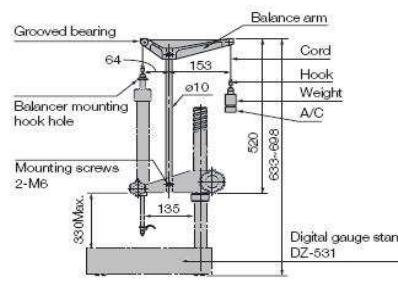
DZ-531 Digital gauging stand (for DK110, DG110B)



- Surface plate material: gabbro
- Surface plate flatness: 3 µm
- Surface plate size: 350mm (13.78") x 350mm (13.78")
- Maximum workpiece height: approx. 330mm (12.99")
- Gauge mounting hole: ø 20mm (0.79")
- Mass: 38kg(83.8 lbs)



DZ-581 Measuring force balancer (for DK110, DG110B)



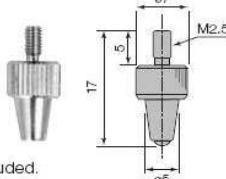
## Weight

- No weight: 1.55±0.15N(155±15gf)
- B: 1.0±0.15N(100±15gf)
- B+A: 0.7±0.15N(70±15gf)
- B+C: 0.3±0.15N(30±15gf)

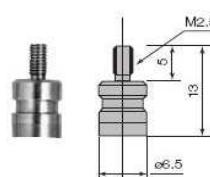
DZ-5100 Feeler set



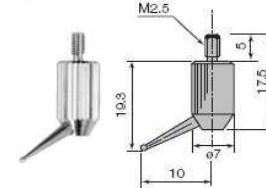
- Plastic ball contact point: ø 3mm nylon ball



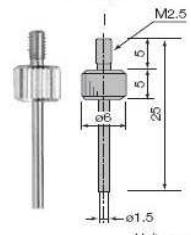
- Flat carbide contact point



- Off-center contact point: ø 1mm steel ball



- Pin contact point



Note: The four contactors shown at right are included.

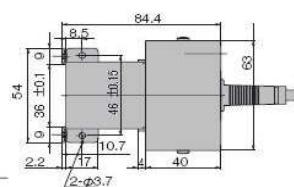
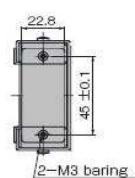
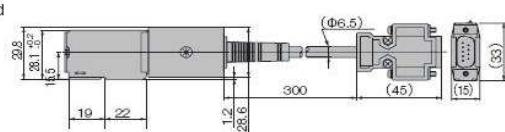
SZ70-1 Adapter

SZ70-1 is required for connecting the following scale units and counters:

Gauge unit : DE-BR Series, DG-B Series

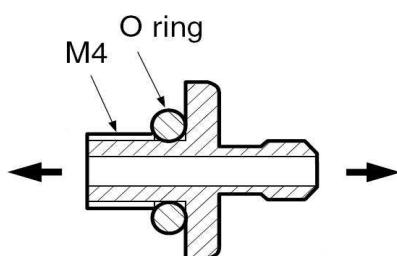
Counter : LH71A/72, LY71 and LY72

\* Adapter DZ51 is also required

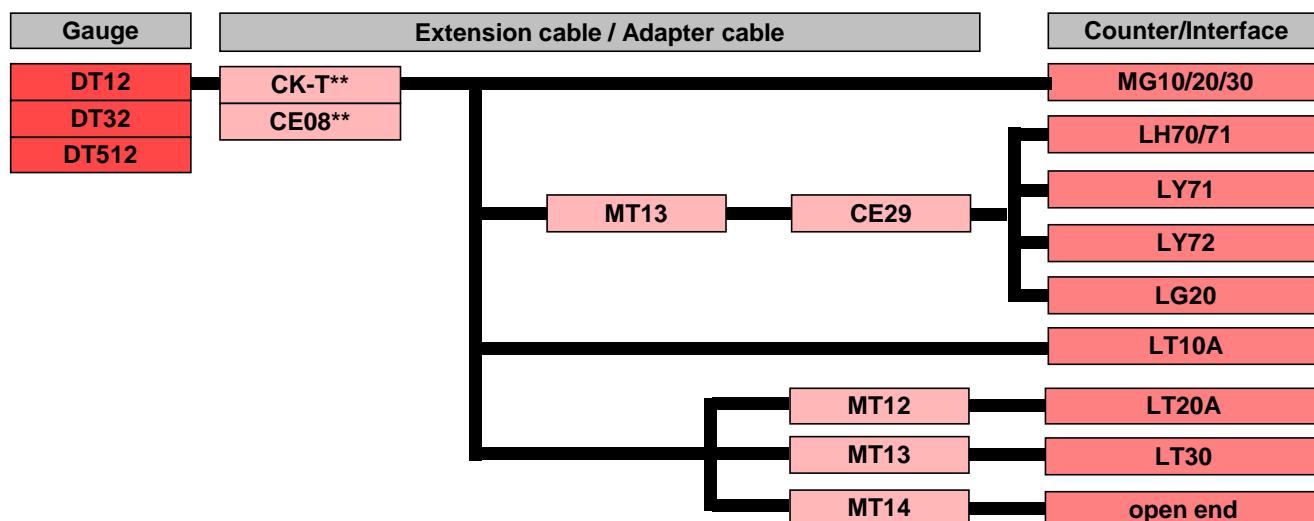
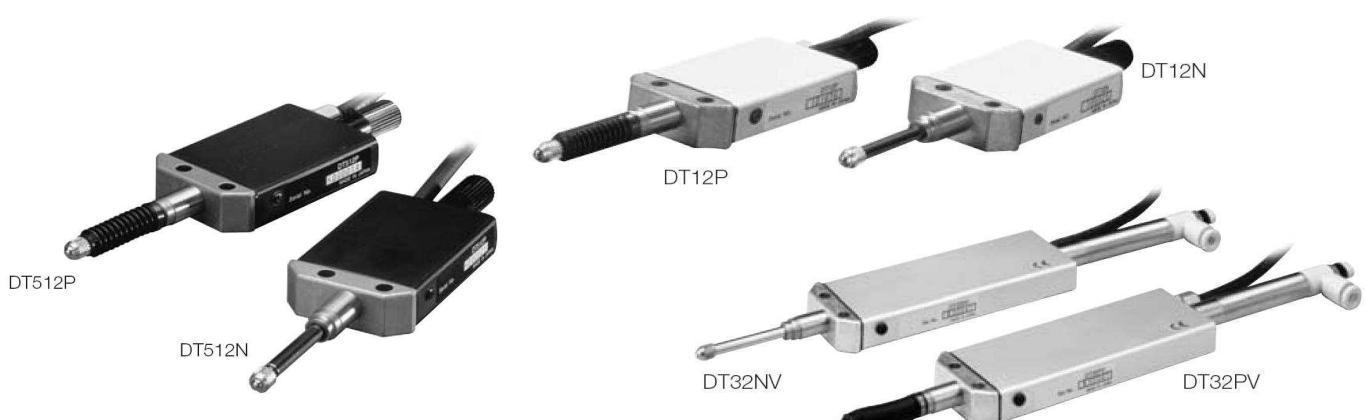


Product code	Product	Type	SRP
97967101	DZ51	Replay adapter	46,00 €
97993210	DZ100	Roller feeler	66,00 €
97993212	DZ-122	Feeler	29,00 €
97922022	DZ-161	Lift lever	56,00 €
97922041	DZ174-010	Air lifter	346,00 €
97922042	DZ174-025	Air lifter	346,00 €
97922043	DZ174-050	Air lifter	346,00 €
97922020	DZ181	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 €
97928115	SZ70-1	Adapter	91,00 €
97928726	SZ70-2	Adapter for LT30	161,00 €

To be order from GeBoTech



Product code	Product	Type	SRP
000931714	Fitting-D01 Set	Airlifter Fitting for Vacuum use (DG805/810) only right angle type	



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 €

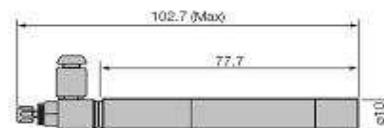
Resolution: 1µm Accuracy: 6µm p-p Measuring length: 12mm

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



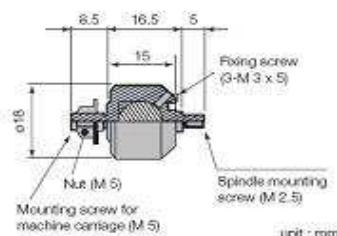
DZ176 Air lifter (for DT)

- 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/cm<sup>2</sup>)
- 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)

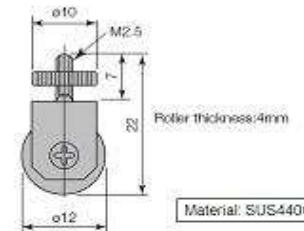


unit : mm

DZ-191 Coupling



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



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

CE08-\*\*

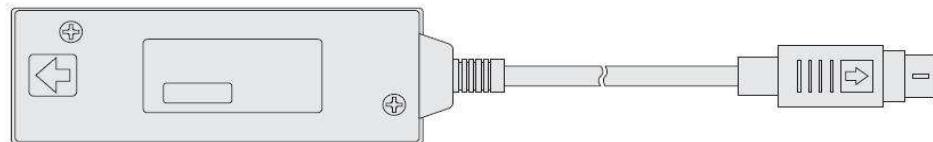
CK-T\*\*



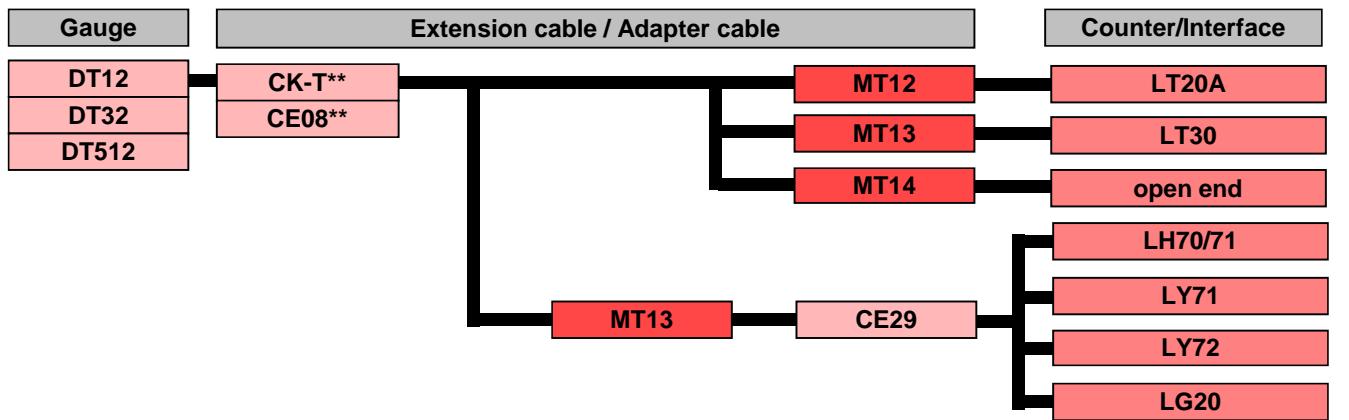
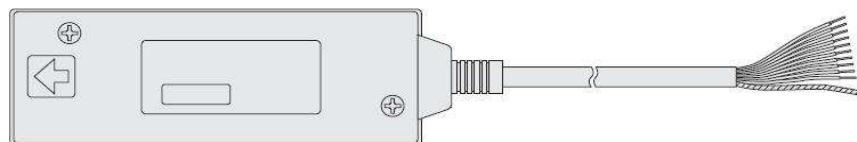
Product code	Product	Model	
97924996	<b>CK-T12</b>	Extension cable 1m (High-flex cable)	72,00 €
97924997	<b>CK-T13</b>	Extension cable 3m (High-flex cable)	92,00 €
97924998	<b>CK-T14</b>	Extension cable 5m (High-flex cable)	114,00 €
97924999	<b>CK-T15</b>	Extension cable 10m (High-flex cable)	164,00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

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

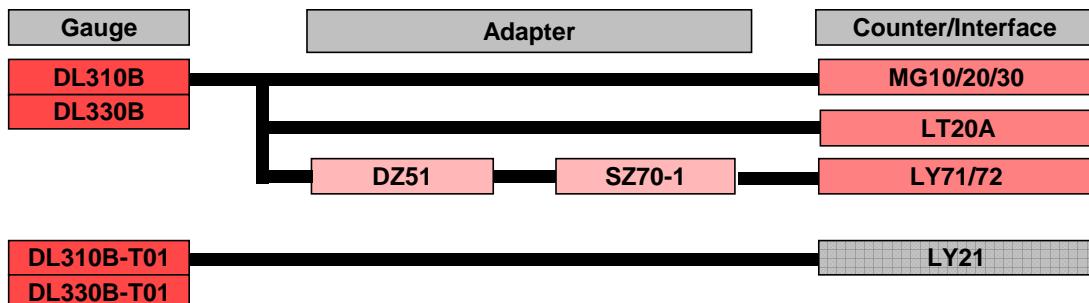
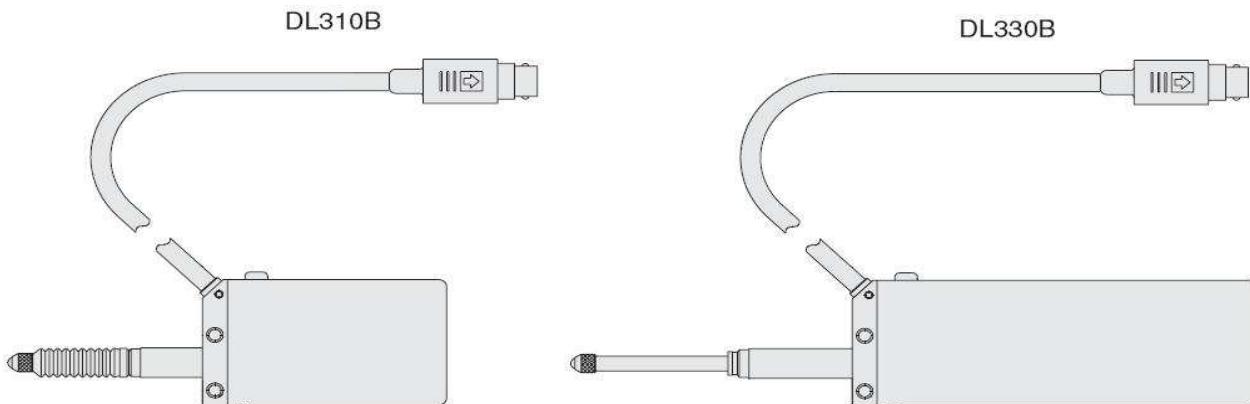
MT12 / MT13



MT14



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 €



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 €

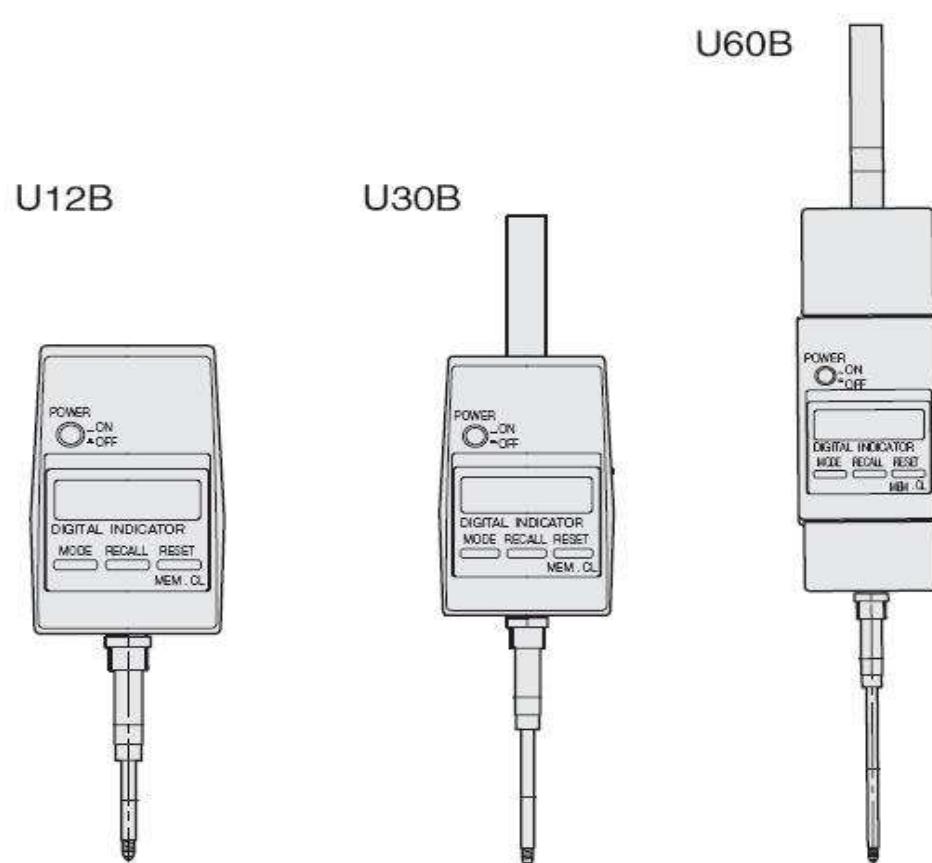
Resolution: **10µm** Accuracy: **10µm p-p** Max response speed **120m/min** Measuring length: **30mm**

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

## U SERIES



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

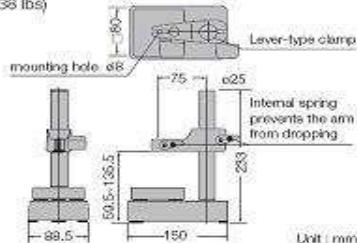
Local purchase part from Yamazen

Product code	Product	Type	SRP
000932595	<b>AC-K02</b>	Power supply for the U-Series	

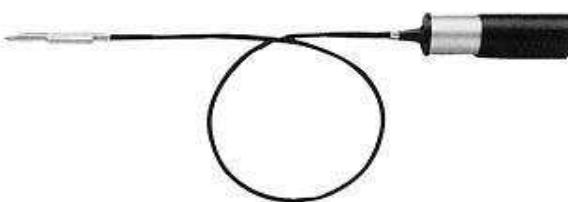
## DZ521 Gauging stand (for DG805BL/810B/810BL, U Series, DE12BR)



- Surface plate material: alumina ceramic (dark brown)
- Surface plate flatness: 2 µm
- Surface plate size: 80 mm (3.15") x 80 mm (3.15")
- Maximum workpiece height: approx. 105 mm (4.13")
- Gauge mounting hole: ø 6 mm (0.31")
- Mass: 3.8 kg (8.38 lbs)



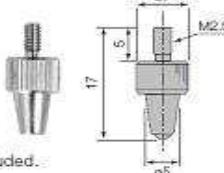
## DZ173 Air release (for DE12BR/30BR, U Series)



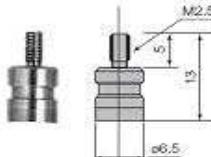
## DZ-5100 Feeler set



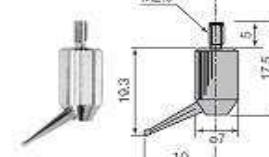
- Plastic ball contact point: ø 3mm nylon ball



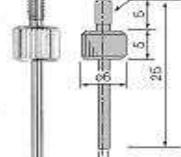
- Flat carbide contact point



- Off-center contact point: ø 1mm steel ball



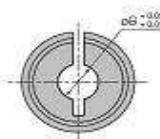
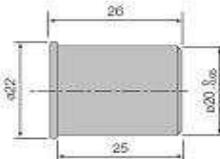
- Pin contact point



Note: The four contactors shown at right are included.

Unit : mm

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

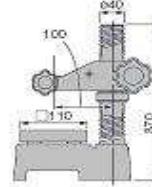
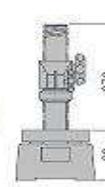
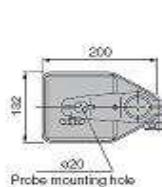


Unit : mm

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

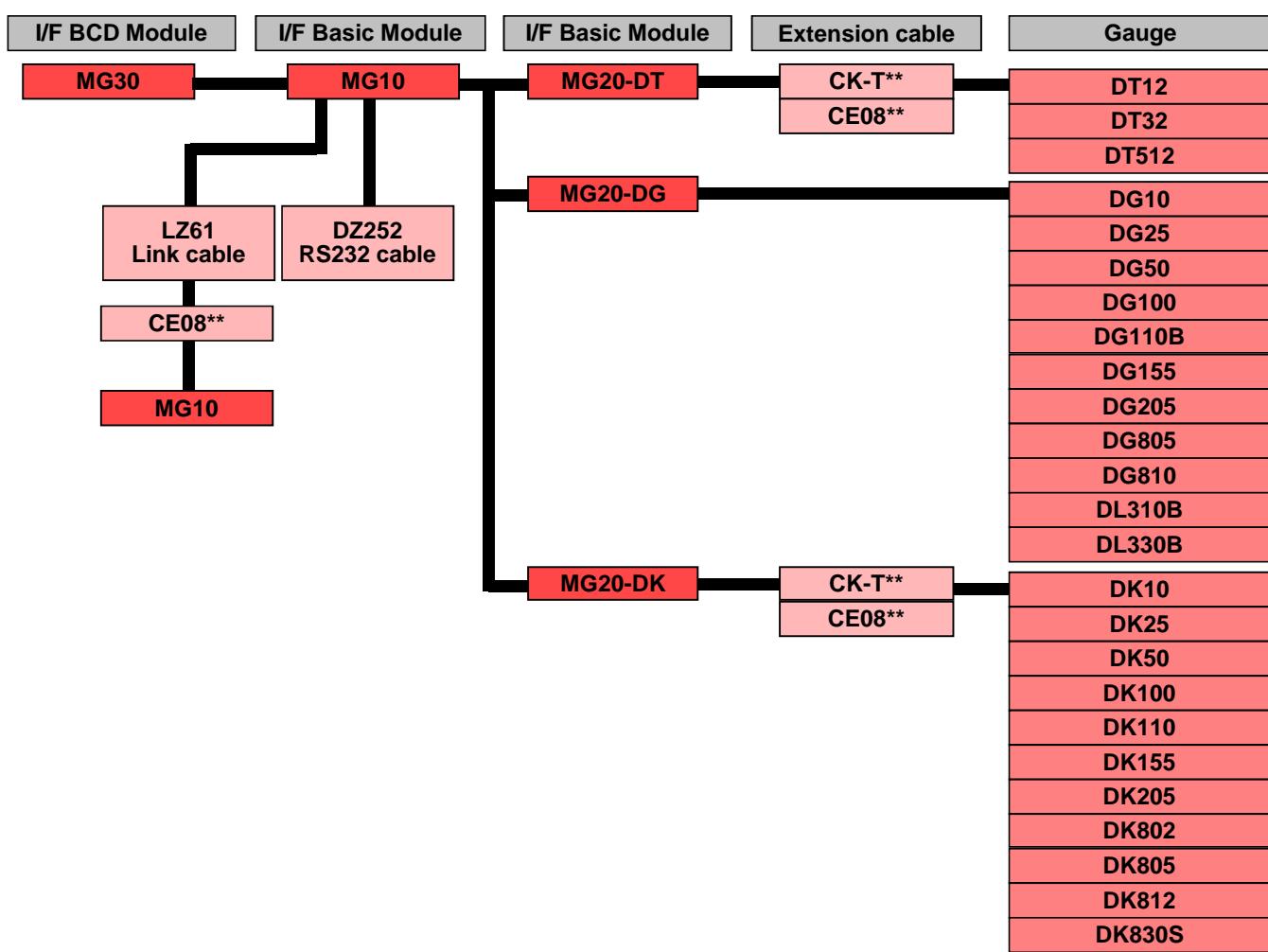


- Surface plate material: alumina ceramic
- Surface plate flatness: 2 µm
- Surface plate size: 110 mm (4.33") x 110 mm (4.33")
- Maximum workpiece height: approx. 190 mm(7.48")
- Gauge mounting hole: ø 20mm (0.79")
- Mass: 13kg (28.67 lbs)



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 €



MG30-B1/B2



MG10-P1/P2



MG20-DT/DG/DK



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- &amp; 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 €
97973401	LZ61	Link cable between MG10 modules (1m)	44,00 €
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 €
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 €



MG41-NE

MG42



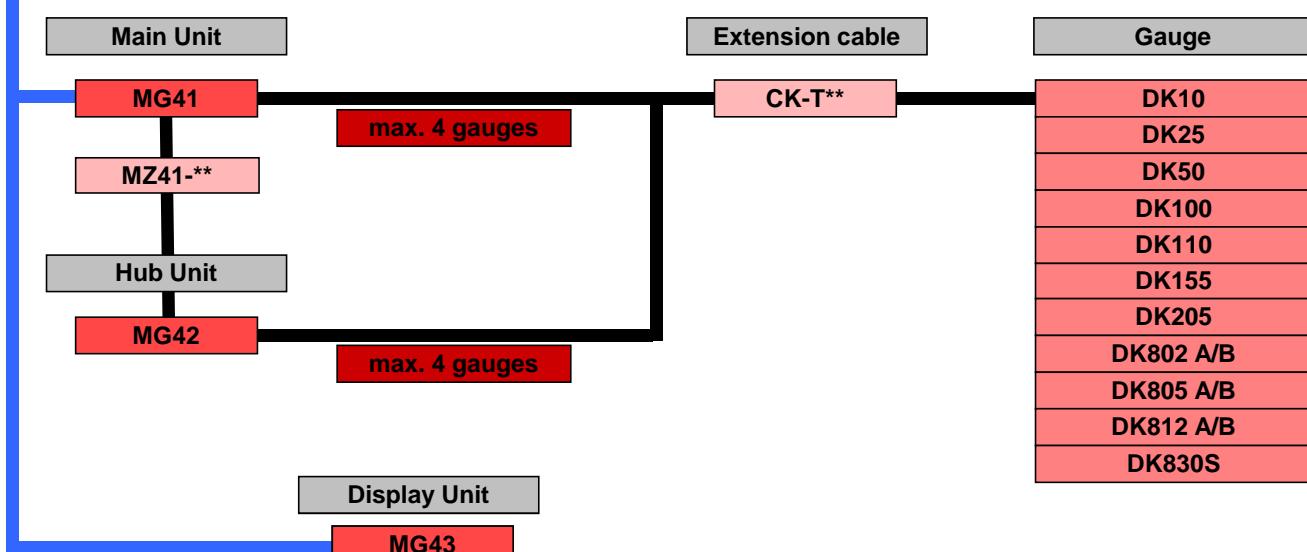
MG43

Main unit  
MG41-NE(Ethernet)

Hub unit  
MG42



### Ethernet / CC-Link

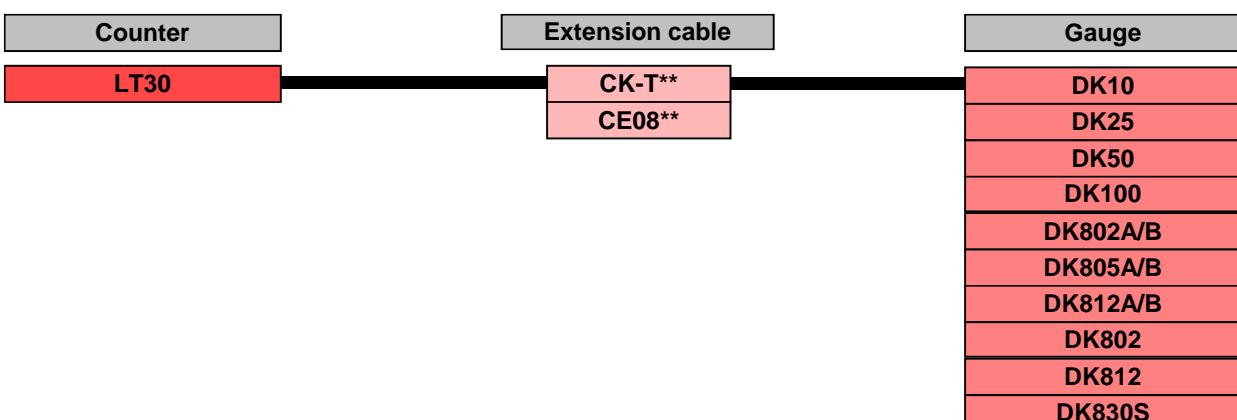
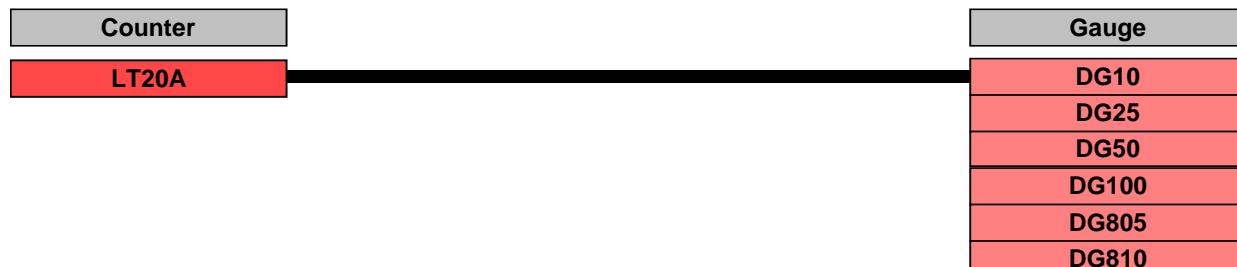
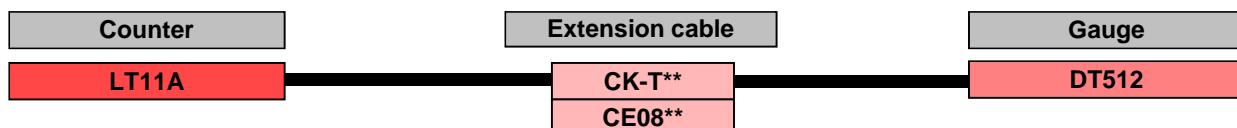
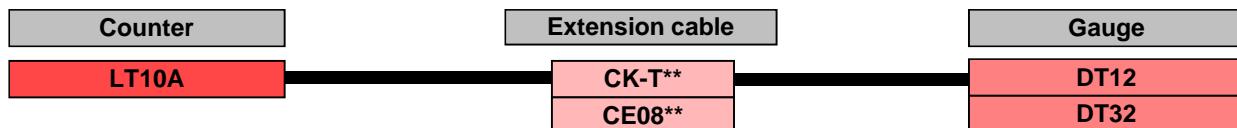
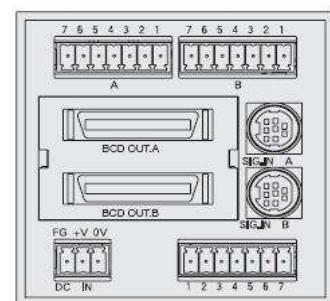
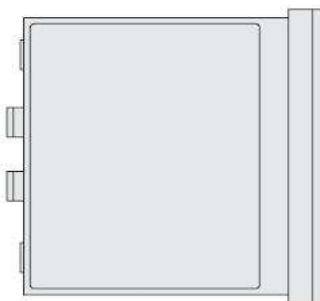
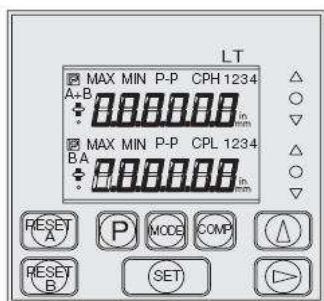


MG41 = Main module / MG42 = Extension module

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 €
97928905	MG43	Display unit for the MG40-Series	1.303,00 €

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 €

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

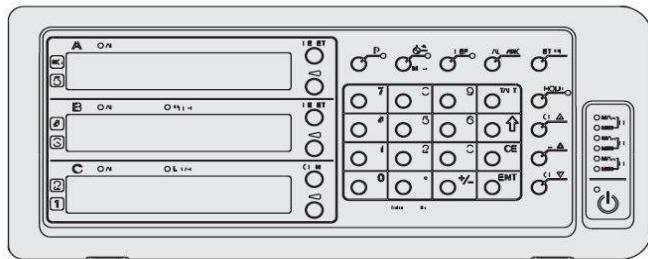
Product code	Product	Model	SRP
97928510	<b>LT11A-101</b>	1 channel	463,00 €
97928511	<b>LT11A-101B</b>	1 channel / BCD interface	766,00 €
97928512	<b>LT11A-101C</b>	1 channel / RS232 interface	675,00 €
97928513	<b>LT11A-201</b>	2 channel	722,00 €
97928514	<b>LT11A-201B</b>	2 channel / BCD interface	1.231,00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

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

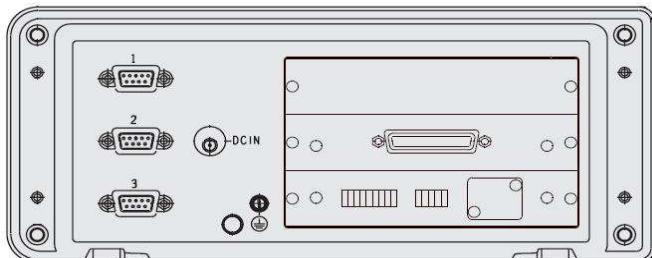
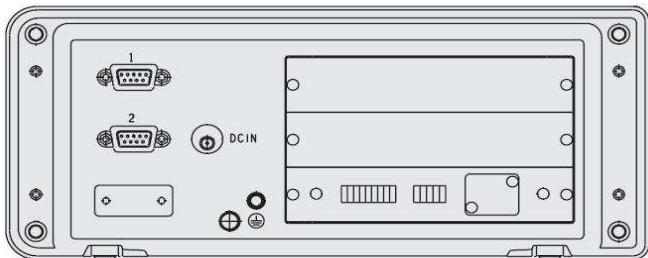
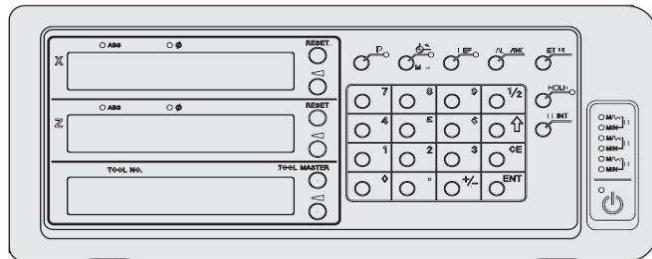
Product code	Product	Model	SRP
97928103	<b>LT30-1G</b>	1 channel	506,00 €
97928104	<b>LT30-1GB</b>	1 channel / BCD interface	797,00 €
97928105	<b>LT30-1GC</b>	1 channel / RS232 interface	726,00 €
97928106	<b>LT30-2G</b>	2 channel	755,00 €
97928107	<b>LT30-2GB</b>	2 channel / BCD interface	1.156,00 €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

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

## LY71



## LY72



## Counter

## Extension cable / Adapter cable

## Scale / Gauge

LY71

GB-ER

LY72

SJ700A

PL20C

SL110/130

SZ70-1

SZ51-MS01

CE05

SR118

CH33

SR74

CH33

SR84

SZ70-1

DZ51

DG-Series

CE29

MT13

DT-Series

CE29

DK-Series

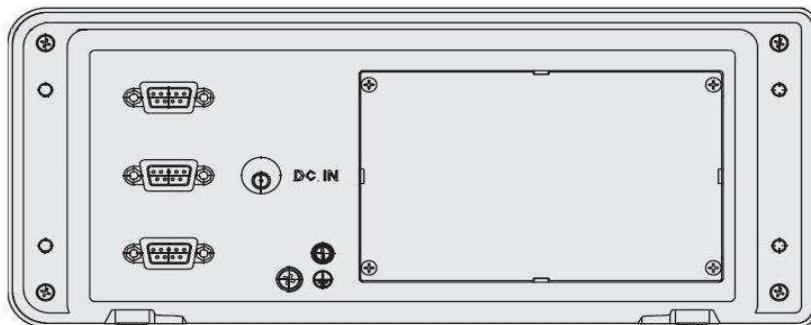
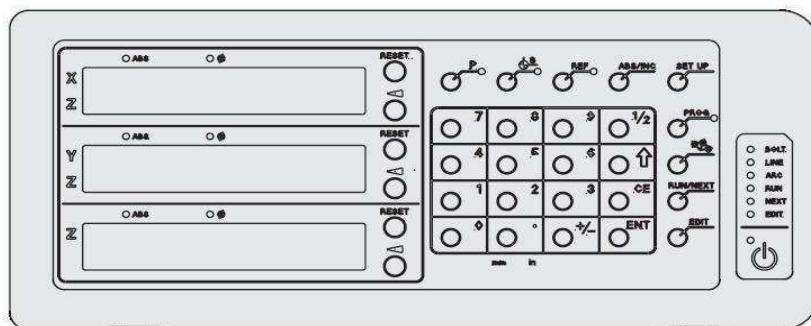
Product code	Product	Type	SRP
97928722	LY71	Counter (2 axes)	849,00 €
97928724	LZ71-B	BCD output board	238,00 €
97928725	LZ71-KR	Comparator function output board	346,00 €
97900479	PSC23	Power supply	44,00 €

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
	LZ71-HT01	A/B phase output board	
	LZ71-BT01	BCD output board (to use 5V level output)	

LH70

**Counter****Extension cable / Adapter cable****Scale / Gauge**

LH70/71

GB-ER

SJ700A

PL20C

SL110/130

SZ70-1

SZ51-MS01

CE05

SR118

CH33

SR74

CH33

SR84

SZ70-1

DZ51

DG-Series

CE29

MT13

DT-Series

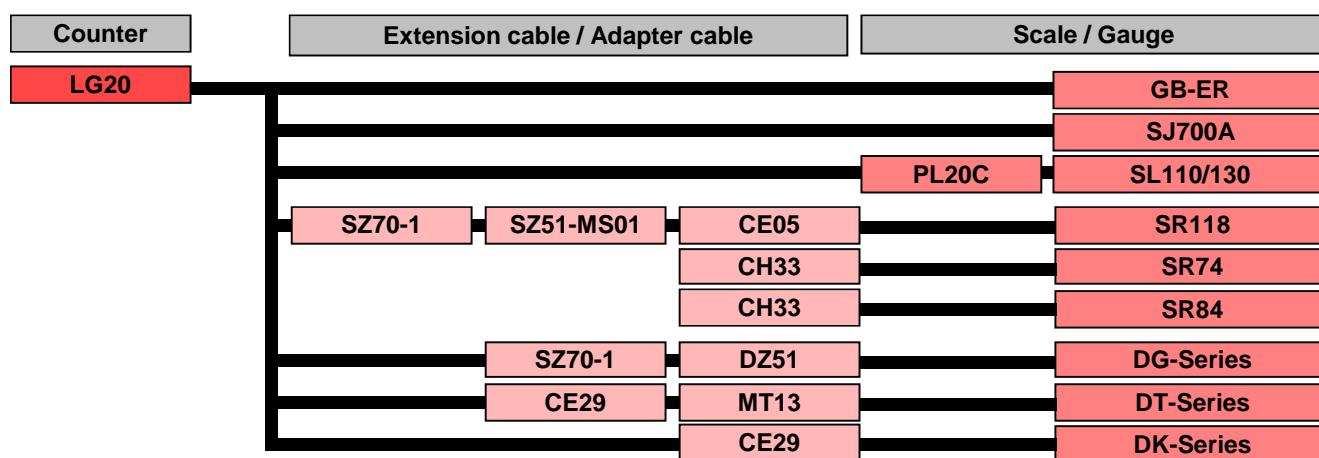
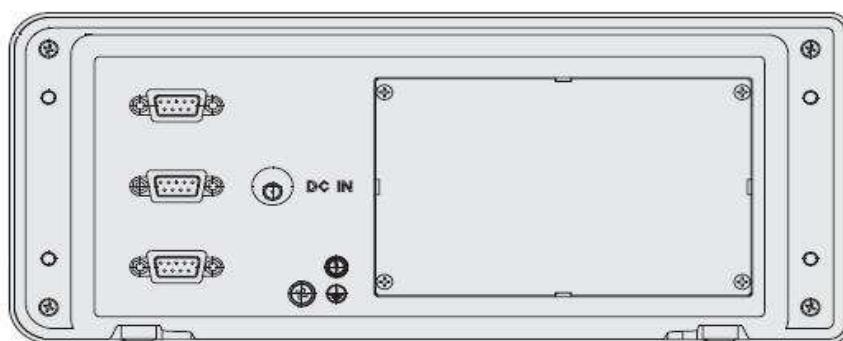
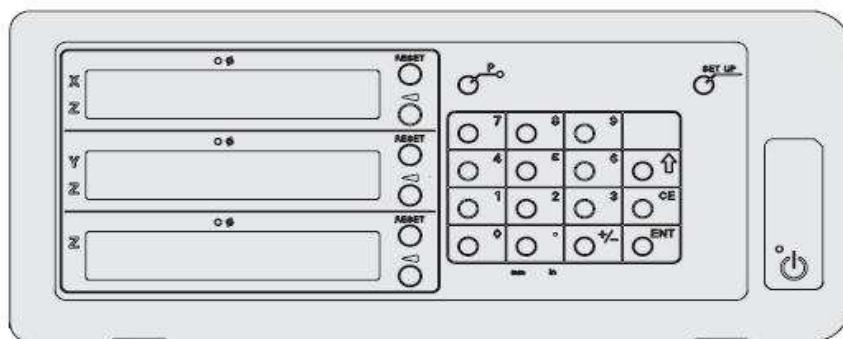
CE29

DK-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 touch sensor function (for TS series)	921,00 €
97900479	PSC23	Power supply	44,00 €

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

## LZ71 series Expansion boards (for LY71)

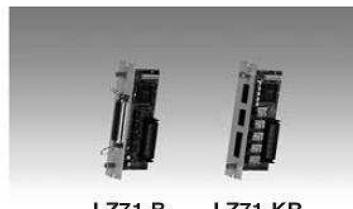
The functions of your LY71 counter unit can be expanded simply by inserting the expansion unit into the LY71.

**LZ71-B**

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

**LZ71-KR**

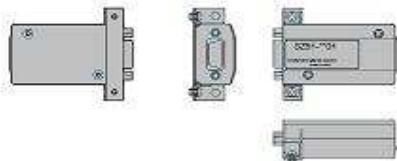
- Comparator function for various data
- Switching between 16 sets of data
- Open collector output/relay output



LZ71-B      LZ71-KR

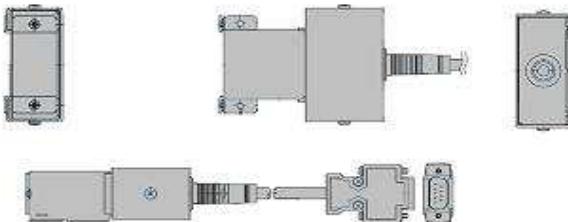
**SZ51-AB01**

SZ50-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**

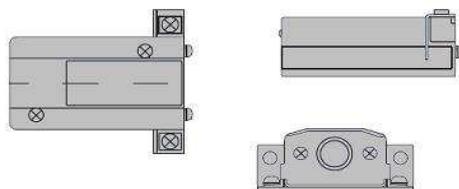
SZ70-1 is required for connecting the following scale units and counters:  
 Scale unit: GB-A, SR801, MSS-101 and SR118  
 Counter: LH70/71,LH72,LY71 and LY72,LG20  
 \* Adapter SZ51-MS01 is also required except GB-A.



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

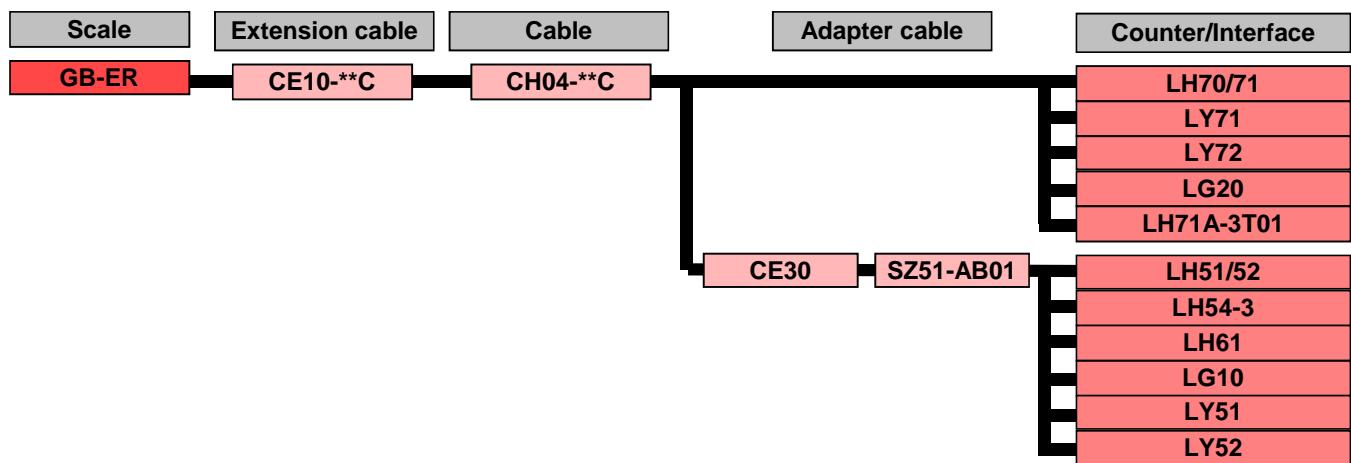
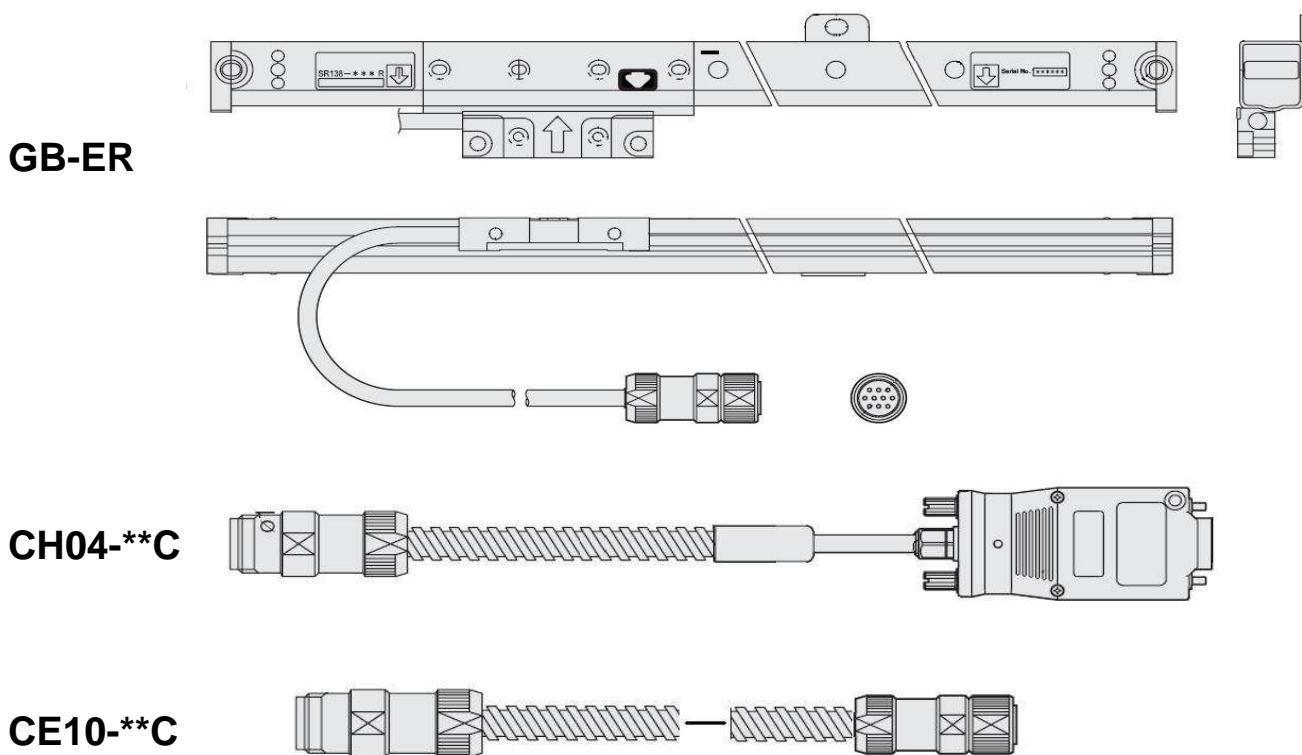


\*To connect the DT12/32N/P, use the DZ51 in combination with the MT10 detector.



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

<b>LZ71-BT01</b>	special BCD output board for 5V
<b>LZ71-HT01</b>	A/B/Z-phase output for 1 channel



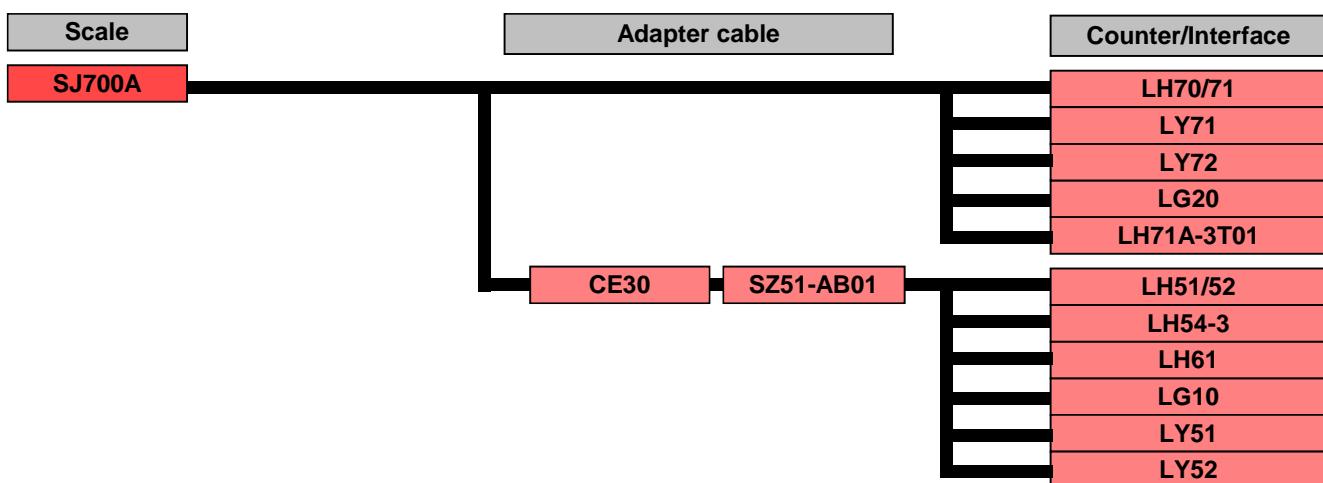
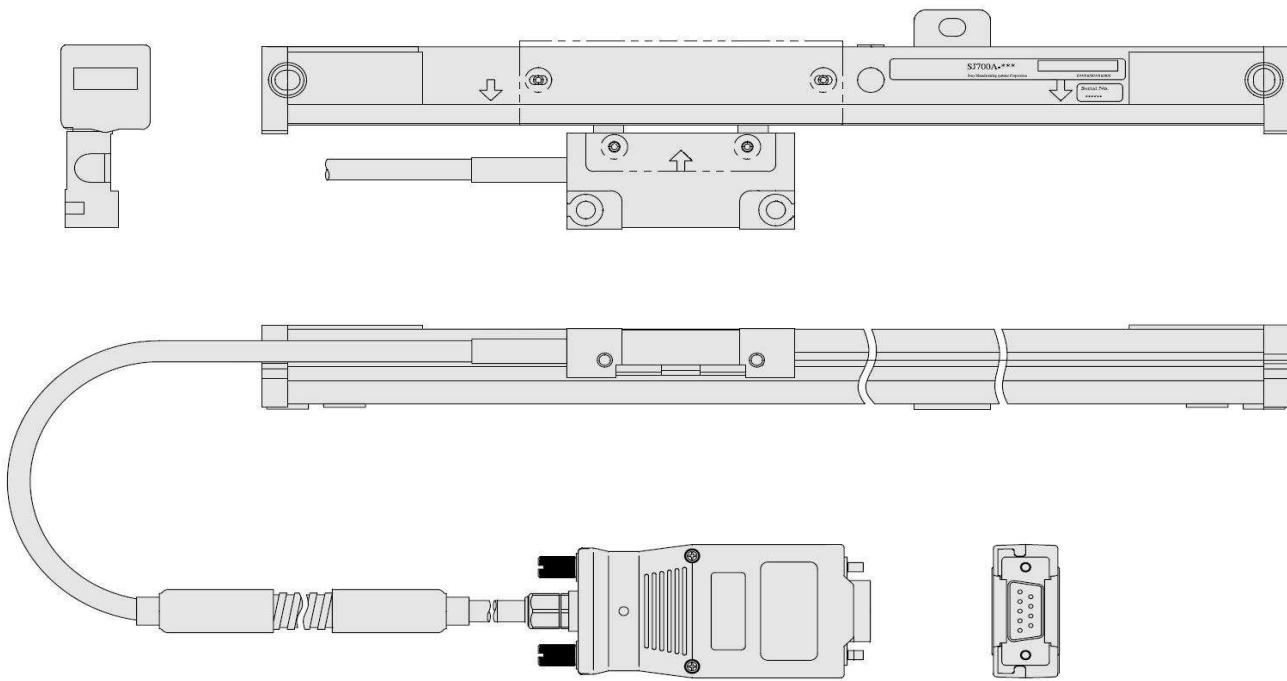
Product code	Product	Type	SRP
97928518	<b>GB-5ER</b>	3m cable; ML*: 50mm	450,00 €
97928519	<b>GB-10ER</b>	3m cable; ML*: 100mm	450,00 €
97928520	<b>GB-15ER</b>	3m cable; ML*: 150mm	450,00 €
97928521	<b>GB-20ER</b>	3m cable; ML*: 200mm	450,00 €
97928522	<b>GB-25ER</b>	3m cable; ML*: 250mm	450,00 €
97928523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

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

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

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

## SJ700A



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

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

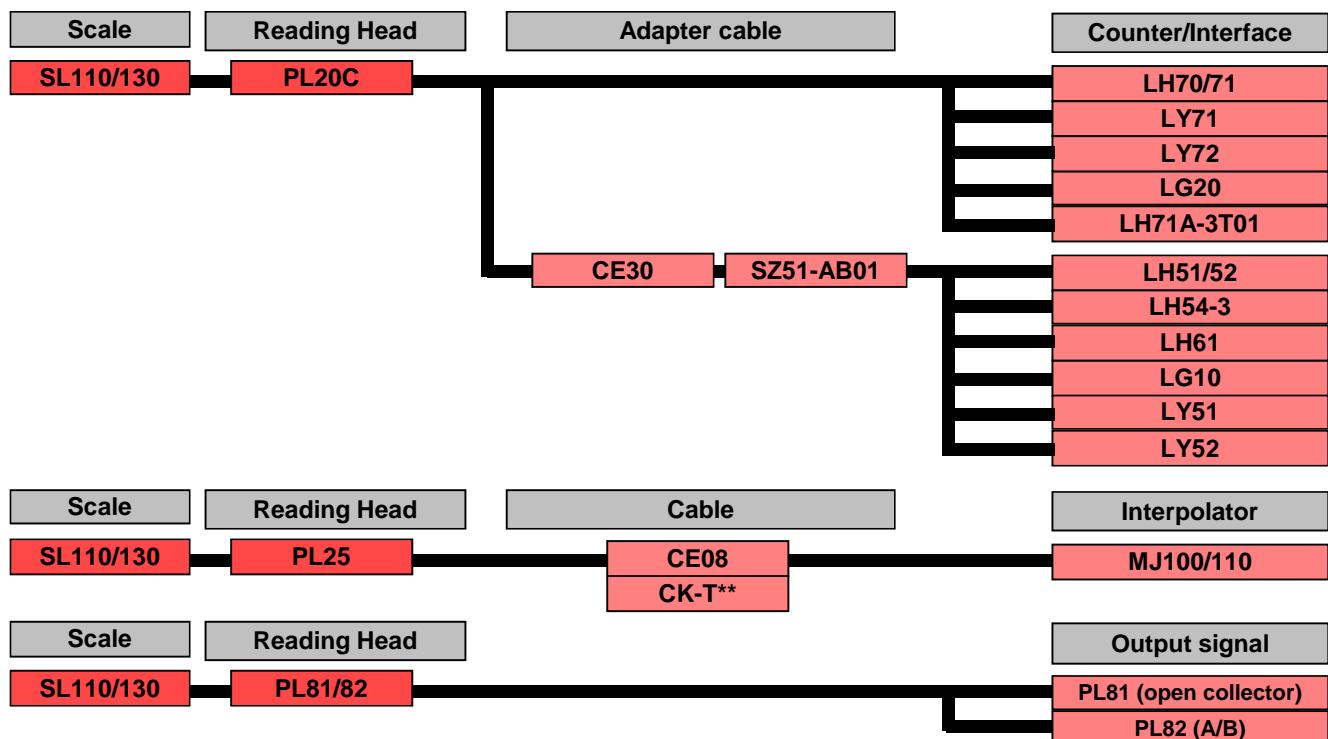
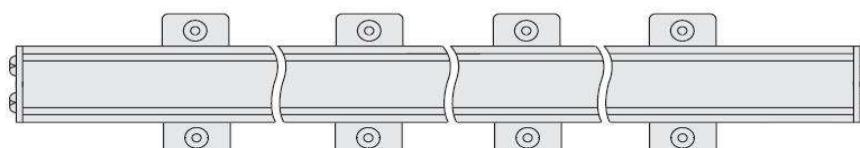
SJ700A scales with 10m cable length			
Product code	Product	Type	SRP
97951272	<b>SJ700A-02510</b>	Scale(ML:250mm;10m cable)	458,00 €
97951269	<b>SJ700A-03510</b>	Scale(ML:350mm;10m cable)	458,00 €
97951273	<b>SJ700A-04010</b>	Scale(ML:400mm;10m cable)	475,00 €
97951270	<b>SJ700A-05010</b>	Scale(ML:500mm;10m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

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

SL130



SL110



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

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

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

Local purchase part from Yamazen

Product code	Product	Type	SRP
000931014	<b>DIGIRULER COVER</b>	Digiruler Cover (2m) each piece	

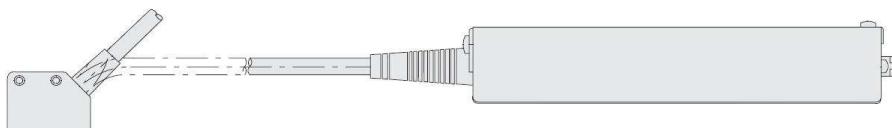
PL20C-\*\*C(Metal armor added)



PL25



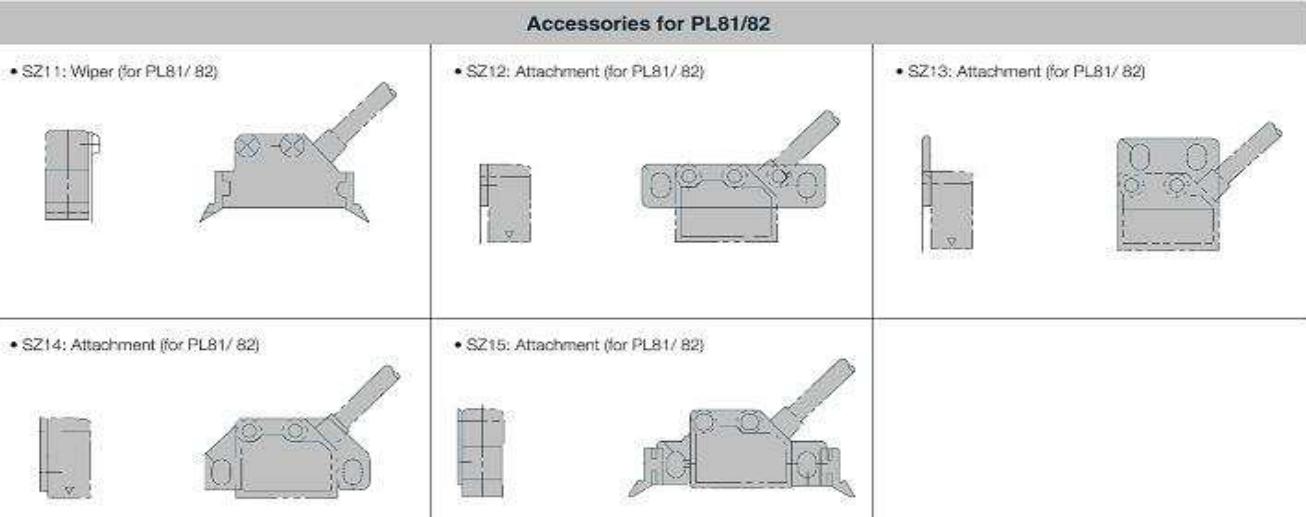
PL81/82



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

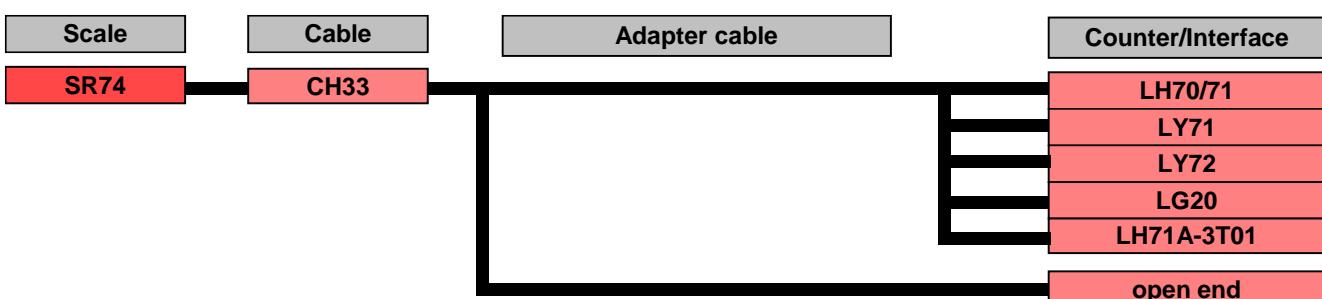
Product code	Product	Type	SRP
97958301	<b>PL25-3</b>	3m Cable	302,00 €

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



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

97924996	<b>CK-T12</b>	Extension cable (1m); High-flex cable	72,00 €
97924997	<b>CK-T13</b>	Extension cable (3m); High-flex cable	92,00 €
97924998	<b>CK-T14</b>	Extension cable (5m); High-flex cable	114,00 €
97924999	<b>CK-T15</b>	Extension cable (10m); High-flex cable	164,00 €
97930000	<b>CK-T16</b>	Extension cable (15m); High-flex cable	300,00 €
97958805	<b>CE08-01</b>	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	<b>CE08-03</b>	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	<b>CE08-05</b>	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	<b>CE08-10</b>	Extension cable 10m (It is not suitable to use of moving parts)	139,00 €
97958804	<b>CE08-15</b>	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/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	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**

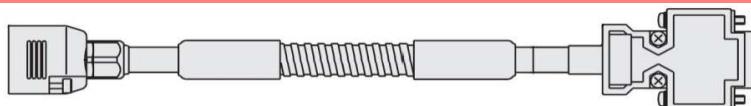
**ML:620mm, Cable out :Left, Accuracy: 5+5L/1000**

**Resolution:0.1μm, Direction: +**

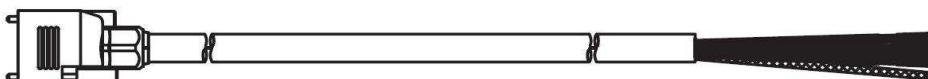
**Mim.phase direction: 100ns**

**Refelence mark : 45mm from left end of Measure**

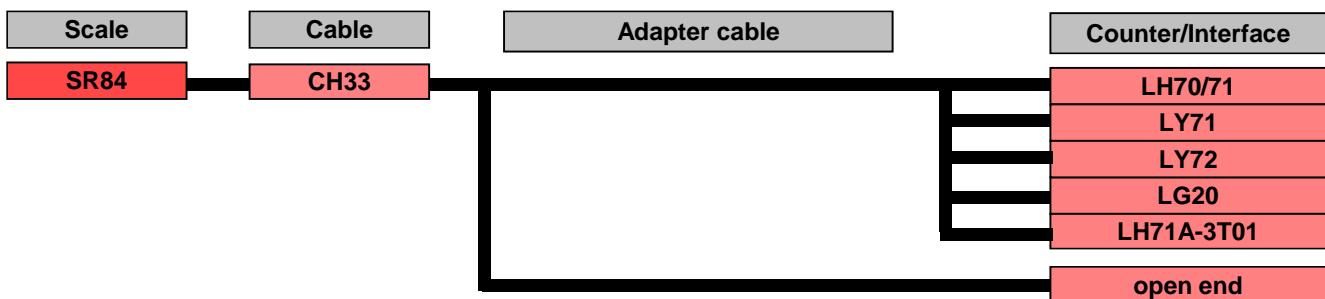
Product	Accuracy	5+5ML/1000µm p-p (A)			3+3ML/1000µm p-p (S)		
		Resolution	1.0µm/0.5µm E/K / D/J	0.1µm C/H	0.05µm B/G	1.0µm/0.5µm E/K / D/J	0.1µm C/H
Model name	ML (mm)	SRP	SRP	SRP	SRP	SRP	SRP
SR74-007	70	618 €	727 €	761 €	676 €	796 €	829 €
SR74-012	120	618 €	727 €	761 €	676 €	796 €	829 €
SR74-017	170	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 €



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 €



**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**

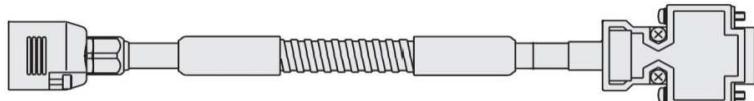
**ML:620mm, Cable out :Left, Accuracy: 5+5L/1000**

**Resolution:0.1μm, Direction: +**

**Mim.phase direction: 100ns**

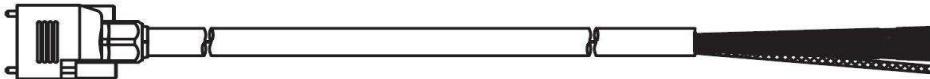
**Refelence mark : 45mm from left end of Measure**

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 €



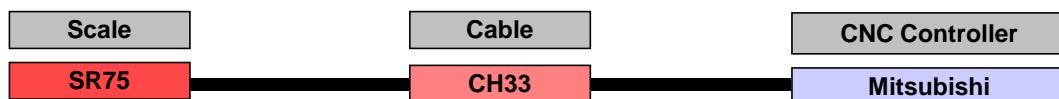
Product code	Product	Type	SRP
97950946	CH33-03CPD	3m cable / armor / PVC / Sub-D 9 pin	59,00 €
97950956	CH33-05CPD	5m cable / armor / PVC / Sub-D 9 pin	103,00 €
97950957	CH33-10CPD	10m cable / armor / PVC / Sub-D 9 pin	204,00 €
97950958	CH33-15CPD	15m cable / armor / PVC / Sub-D 9 pin	299,00 €

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 €

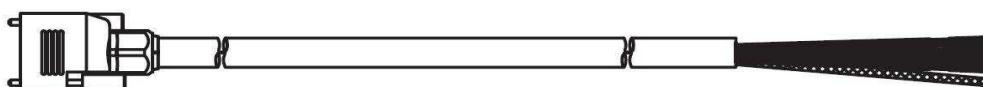


97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529	CH33-15NP	15m cable / PVC / open end	163,00 €

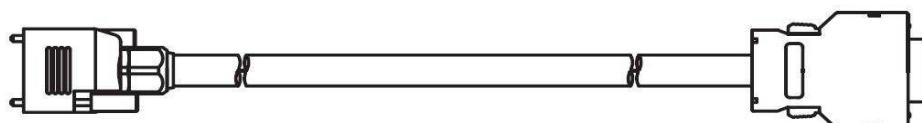
97950627	CH33-03NE	3m cable / PU / open end	64,00 €
97950461	CH33-05NE	5m cable / PU / open end	107,00 €
97950798	CH33-10NE	10m cable / PU / open end	191,00 €



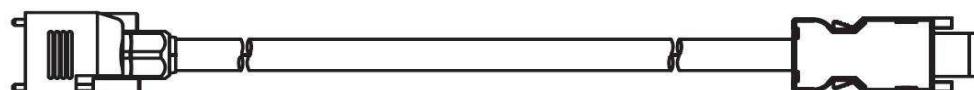
Product	Accuracy	5+5L/1000 µm p-p		3+3L/1000 µm p-p	
	Resolution	1.0/0.5/0.1µm	0.05/0.01µm	1.0/0.5/0.1µm	0.05/0.01µm
	ML: (mm)	SRP	SRP	SRP	SRP
SR75-007	70	781 €	815 €	851 €	885 €
SR75-012	120	781 €	815 €	851 €	885 €
SR75-017	170	781 €	815 €	851 €	885 €
SR75-022	220	781 €	815 €	851 €	885 €
SR75-027	270	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
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 €



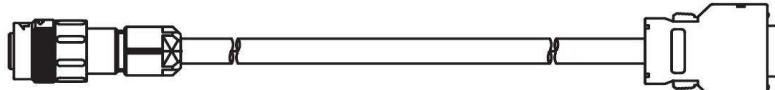
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97949275	CH33-06NEF	PU cable (6m) with Fanuc connector	236,00 €
97949276	CH33-09NEF	PU cable (9m) with Fanuc connector	236,00 €
97948334	CH33-10NEF	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 €



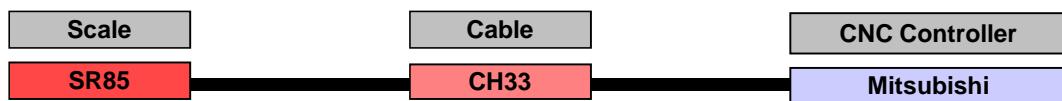
Product code	Product	Type	SRP
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €



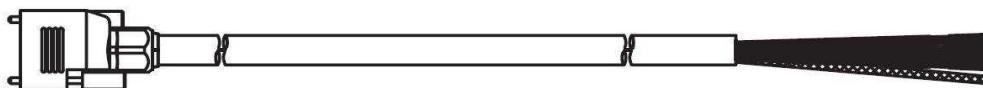
Product code	Product	Type	SRP
97948533	CH33-03NPK	PVC cable (3m) ; Scale side with coupling connector	79,00 €
97948655	CH33-06NPK	PVC cable (6m) ; Scale side with coupling connector	158,00 €
97948475	CH33-09NPK	PVC cable (9m) ; Scale side with coupling connector	158,00 €
97948656	CH33-15NPK	PVC cable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



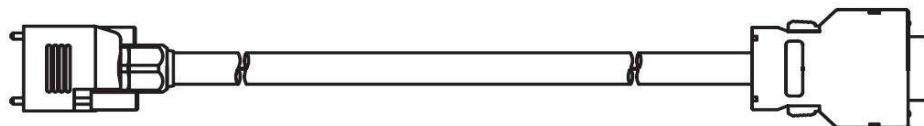
Product code	Product	Type	SRP
97948478	CH33-06NPQA	PVC cable (6m) Fanuc Controller side with coupling connector	219,00 €
97948657	CH33-09NPQA	PVC cable (9m) Fanuc Controller side with coupling connector	219,00 €
97948611	CH33-12NPMA	PVC cable (12m) Mitsubishi Controller side with coupling connector	232,00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



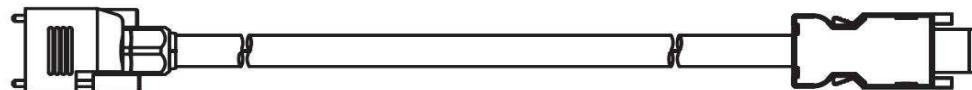
Product name*	Accuracy	5+5L/1000 µm p-p		3+3L/1000 µm p-p	
	Resolution	1.0/0.5/0.1µm	0.05/0.01µm	1.0/0.5/0.1µm	0.05/0.01µm
	ML: (mm)	SRP	SRP	SRP	SRP
SR85-014	140	756 €	789 €	821 €	855 €
SR85-024	240	756 €	789 €	821 €	855 €
SR85-034	340	811 €	845 €	878 €	912 €
SR85-044	440	923 €	957 €	989 €	1.024 €
SR85-054	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 €



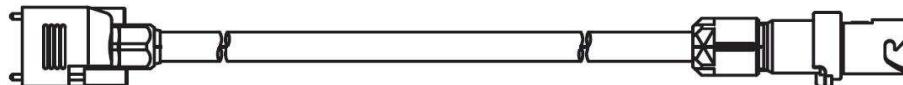
Product code	Product	Type	SRP
97950463	CH33-01NP	1m cable / PVC / open end	39,00 €
97948399	CH33-02NP	2m cable / PVC / open end	39,00 €
97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529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



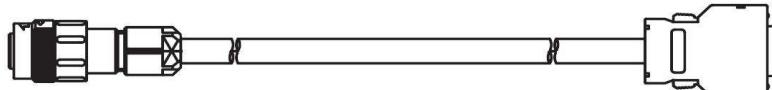
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97949275	CH33-06NEF	PU cable (6m) with Fanuc connector	236,00 €
97949276	CH33-09NEF	PU cable (9m) with Fanuc connector	236,00 €
97948334	CH33-10NEF	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 €



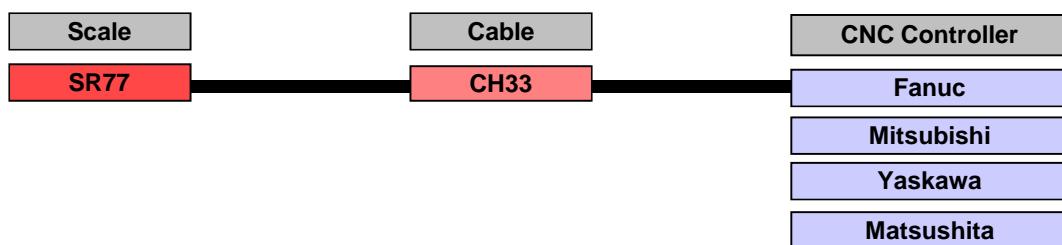
Product code	Product	Type	SRP
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €



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 €



## 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

<Example>

SR77-012RSADX

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

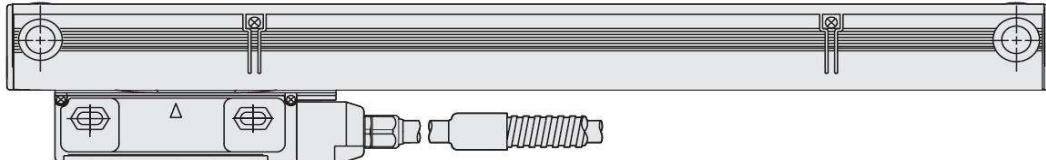
Resolution:0.01μm, Direction: +

Protocol : MITSUBISHI : 4wire

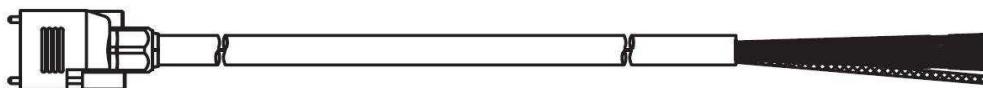
Zero point position: Center of measuring length

<Communication protocol>

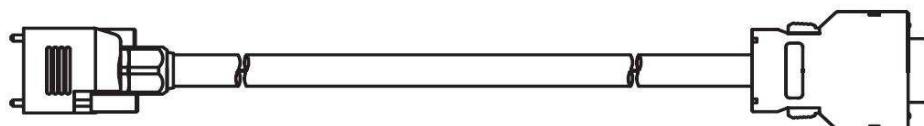
Description	NC Maker	Wire num.
A	FANUC	4
B	MITSUBISHI	2
D	MITSUBISHI	4
F	YASKAWA	2
H	Panasonic	2



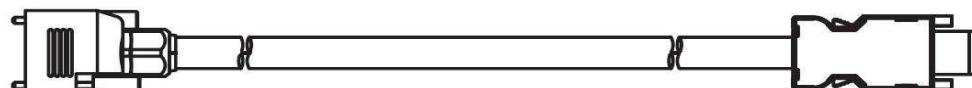
Product name	Accuracy	5+5ML/1000µm p-p (A)		3+3ML/1000µm p-p (S)	
	Resolution	1.0/0.5/0.1µm	0.05/0.01µm	1.0/0.5/0.1µm	0.05/0.01µm
		E/K-D/J-C/H	B/G-A/F	E/K-D/J-C/H	B/G-A/F
ML: (mm)	SRP	SRP	SRP	SRP	SRP
SR77-007	70	781 €	815 €	851 €	885 €
SR77-012	120	781 €	815 €	851 €	885 €
SR77-017	170	781 €	815 €	851 €	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 €



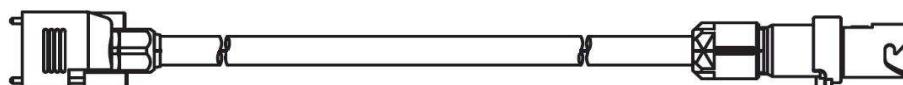
Product code	Product	Type	SRP
97950463	CH33-01NP	1m cable / PVC / open end	39,00 €
97948399	CH33-02NP	2m cable / PVC / open end	39,00 €
97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529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



Product code	Product	Type	
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 €



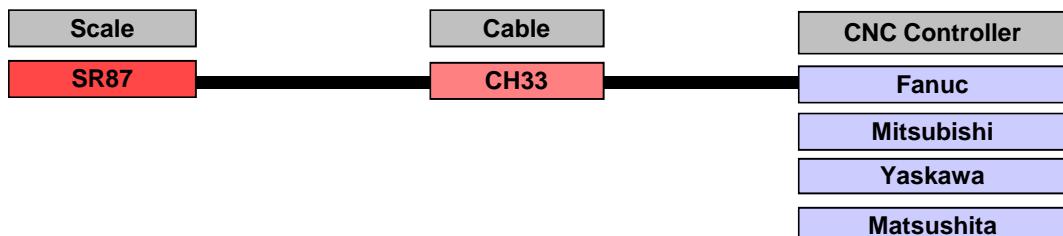
Product code	Product	Type	
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €



Product code	Product	Type	
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	
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 €



KEITOKU model name

**SR87-□□□★○△■□□□**

<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 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 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:

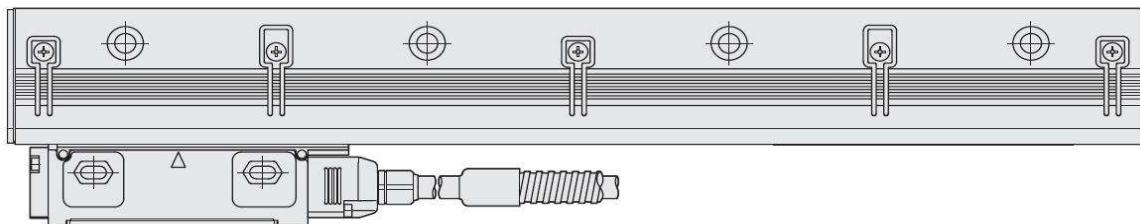
3+3L/1000

Resolution:0.01μm, Direction: +

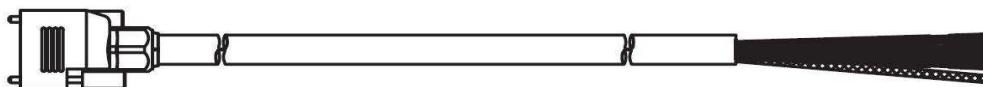
Protocol : MITSUBISHI : 4wire

<Communication protocol>

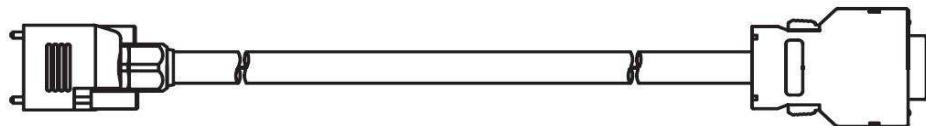
Wire num.	NC Maker	Description
4	FANUC	□ A
2	MITSUBISHI	□ B
4	MITSUBISHI	□ D
2	YASKAWA	□ F
2	Panasonic	□ H



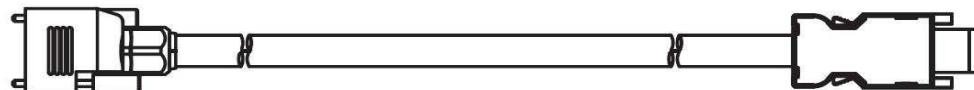
Product name	Accuracy	5+5ML/1000µm p-p (A)		3+3ML/1000µm p-p (S)	
	Resolution	1.0/0.5/0.1µm	0.05/0.01µm	1.0/0.5/0.1µm	0.05/0.01µm
		E/K-D/J-C/H	B/G-A/F	E/K-D/J-C/H	B/G-A/F
ML: (mm)	SRP	SRP	SRP	SRP	SRP
SR87-014	140	756 €	789 €	821 €	855 €
SR87-024	240	756 €	789 €	821 €	855 €
SR87-034	340	811 €	845 €	878 €	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 €	2.050 €	2.050 €	2.050 €
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 €



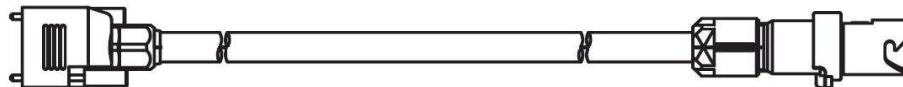
Product code	Product	Type	SRP
97950463	CH33-01NP	1m cable / PVC / open end	39,00 €
97948399	CH33-02NP	2m cable / PVC / open end	39,00 €
97950280	CH33-03NP	3m cable / PVC / open end	39,00 €
97950369	CH33-05NP	5m cable / PVC / open end	59,00 €
97950481	CH33-10NP	10m cable / PVC / open end	102,00 €
97950529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



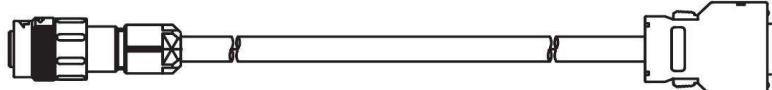
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97949275	CH33-06NEF	PU cable (6m) with Fanuc connector	236,00 €
97949276	CH33-09NEF	PU cable (9m) with Fanuc connector	236,00 €
97948334	CH33-10NEF	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 €



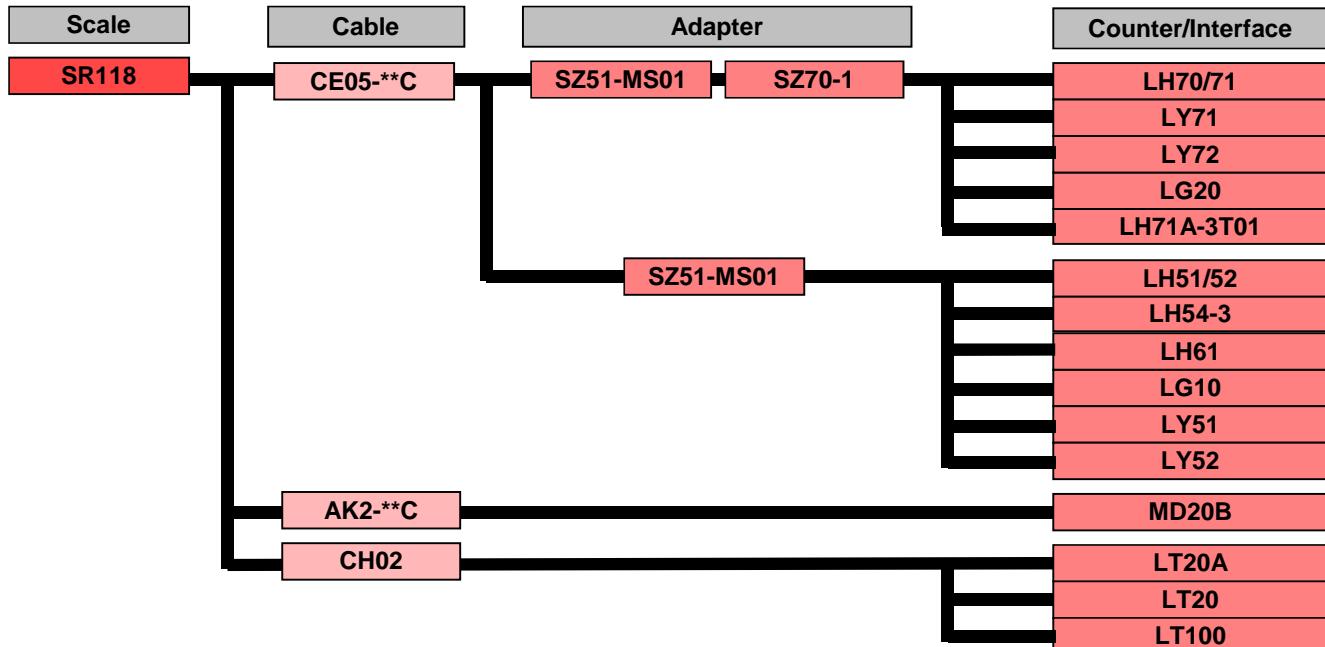
Product code	Product	Type	SRP
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €



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 €

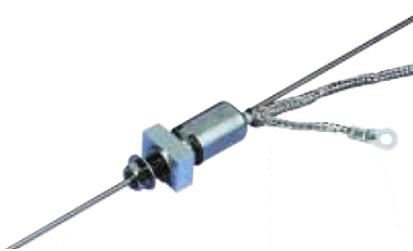


Product code	Product	Type	SRP
97948478	CH33-06NPQA	PVC cable (6m) Fanuc Controller side with coupling connector	219,00 €
97948657	CH33-09NPQA	PVC cable (9m) Fanuc Controller side with coupling connector	219,00 €
97948611	CH33-12NPMA	PVC cable (12m) Mitsubishi Controller side with coupling connector	232,00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

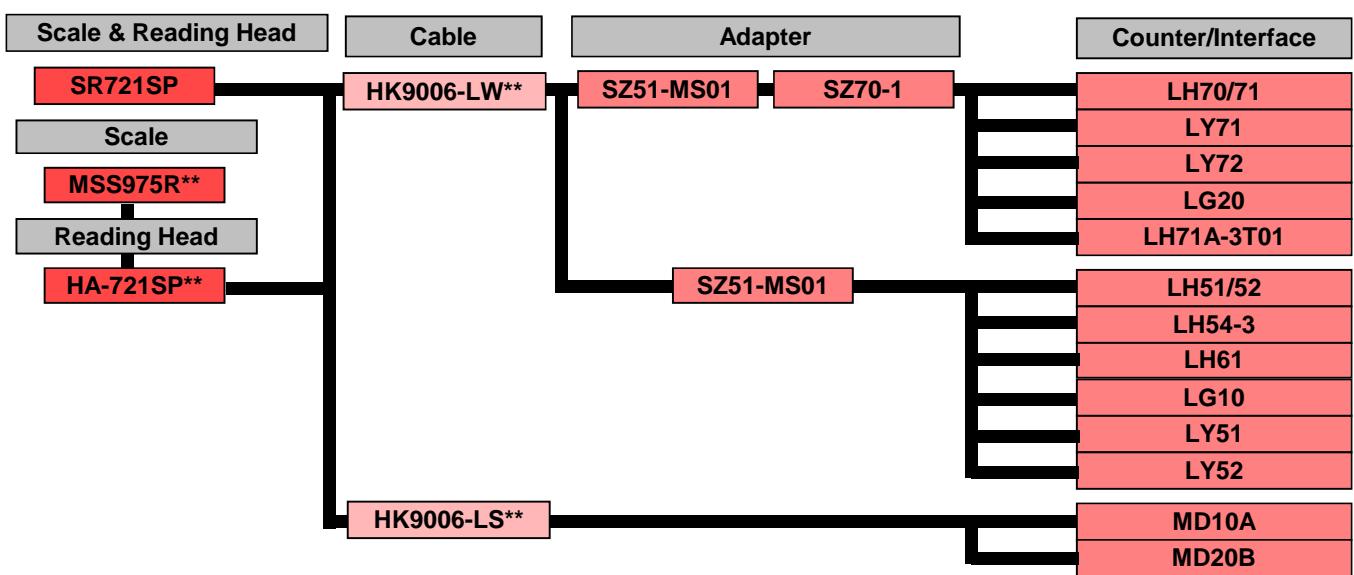


Product code	Product	Type	SRP
97965501	<b>SR118-015</b>	SR118-015 SCALE(15MM)	624,00 €
97931110	<b>SR118-015T02</b>	SR118-015T02 SCALE(15MM)	809,00 €
97965502	<b>SR118-030</b>	SR118-030 SCALE(30MM)	624,00 €
97965503	<b>SR118-060</b>	SR118-060 SCALE(60MM)	624,00 €
97965504	<b>SR118-100</b>	SR118-100 SCALE(100MM)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

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



**MSH-706**  
is stamped on reading head



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

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

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

Product code	Product	Type: accuracy 5µm	
97950865	<b>MSS975R-0150L02</b>	MSS975R-150MM ( <b>75-150Y-75</b> )	216,00 €
97950871	<b>MSS975R-0200L01</b>	MSS975R-200MM ( <b>30-200Y-30</b> )	216,00 €
97950872	<b>MSS975R-0200L02</b>	MSS975R-200MM ( <b>75-200Y-75</b> )	216,00 €
97950938	<b>MSS975R-0250L01</b>	MSS975R-250MM ( <b>75-250Y-75</b> )	216,00 €
97947761	<b>MSS975R-0250L02</b>	MSS975R-250MM ( <b>30-250Y-30</b> )	216,00 €
97950874	<b>MSS975R-0300L02</b>	MSS975R-300MM ( <b>75-300Y-75</b> )	216,00 €
97950869	<b>MSS975R-0350L03</b>	MSS975R-350MM ( <b>30-350Y-30</b> )	257,00 €
97950870	<b>MSS975R-0350L04</b>	MSS975R-350MM ( <b>75-350Y-75</b> )	257,00 €
97950875	<b>MSS975R-0400L01</b>	MSS975R-400MM ( <b>30-400Y-30</b> )	274,00 €
97950876	<b>MSS975R-0400L02</b>	MSS975R-400MM ( <b>75-400Y-75</b> )	274,00 €
97950860	<b>MSS975R-0450L01</b>	MSS975R-450MM ( <b>30-450Y-30</b> )	293,00 €
97950861	<b>MSS975R-0450L02</b>	MSS975R-450MM ( <b>75-450Y-75</b> )	293,00 €
97948063	<b>MSS975R-0500L04</b>	MSS975R-500MM ( <b>30-500Y-30</b> )	311,00 €
97950877	<b>MSS975R-0600L01</b>	MSS975R-600MM ( <b>30-600Y-30</b> )	432,00 €
97950878	<b>MSS975R-0600L02</b>	MSS975R-600MM ( <b>75-600Y-75</b> )	432,00 €
97950867	<b>MSS975R-0650L02</b>	MSS975R-650MM ( <b>75-650Y-75</b> )	471,00 €
97950863	<b>MSS975R-0750L02</b>	MSS975R-750MM ( <b>75-750Y-75</b> )	549,00 €
97947663	<b>MSS975R-0850L01</b>	MSS975R-850MM ( <b>SR10</b> )	588,00 €
97947526	<b>MSS975R-0950L01</b>	MSS975R-950MM ( <b>30-950Y-30</b> )	685,00 €
97947554	<b>MSS975R-0950L02</b>	MSS975R-950MM ( <b>75-950Y-75</b> )	685,00 €
97947724	<b>MSS975R-2050L01</b>	MSS975R-2050MM ( <b>30-2050Y-30</b> )	1.539,00 €

SL331



PL60



Scale

Reading Head

Cable

Interpolator

SL331

PL60

CE08-\*\*

MJ100/110

CK-T\*\*

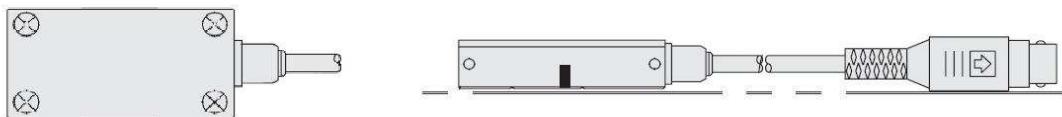
Product code	Product	Type	SRP
97958201	PL60-3	Reading head with 3m cable	345,00 €

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 €

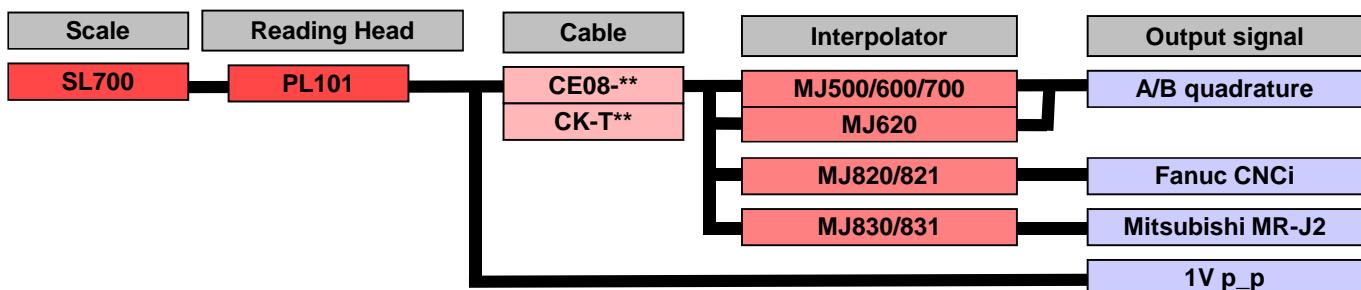
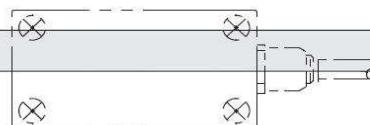
Product code	Product	Type	SRP
97924996	CK-T12	Extension cable (1m); High-flex cable	72,00 €
97924997	CK-T13	Extension cable (3m); High-flex cable	92,00 €
97924998	CK-T14	Extension cable (5m); High-flex cable	114,00 €
97924999	CK-T15	Extension cable (10m); High-flex cable	164,00 €
97930000	CK-T16	Extension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

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 €

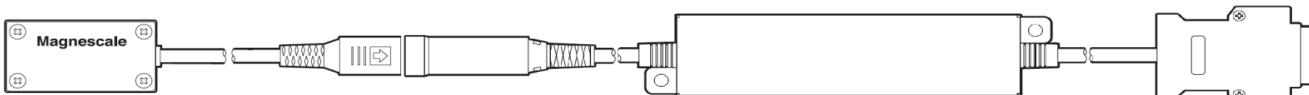
PL101-RH



SL700



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 €

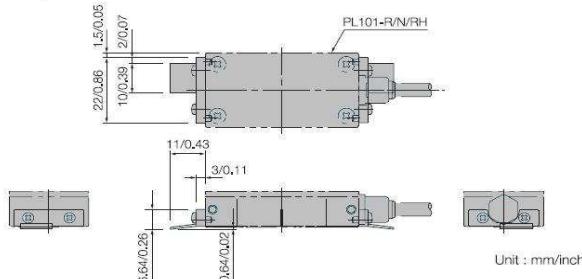


Product code	Product	Model	SRP
	PL101-Raxxx	A/B output	558,00 €
	PL101-RHAXXX	A/B output, IP67	600,00 €
97929086	PL101-RY	YASKAWA I/F	558,00 €
97929090	PL101-RHY	YASKAWA I/F, IP67	600,00 €
97929087	PL101-RM	Mitsubishi I/F	558,00 €
97929091	PL101-RHM	Mitsubishi I/F, IP67	600,00 €
97939401	PL101-RP	Panasonic I/F	558,00 €
97929092	PL101-RHP	Panasonic I/F, IP67	600,00 €

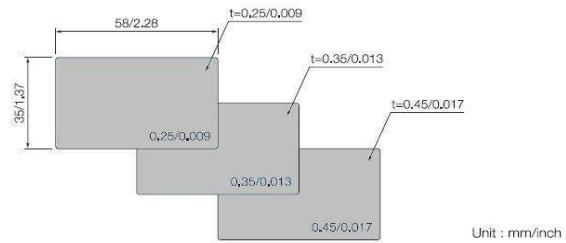
Product	Model	ML	SRP
SL700- /710-**	0005	50mm	83,00 €
SL700- /710- /720-**	0010	100mm	83,00 €
SL700- /710- /720-**	0015	150mm	83,00 €
SL700- /710- /720- /730-**	0020	200mm	83,00 €
SL700- /710- /720- /730-**	0025	250mm	92,00 €
SL700- /710- /720- /730-**	0030	300mm	92,00 €
SL700- /710- /720- /730-**	0035	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

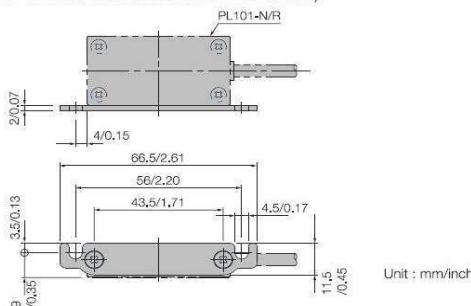
- SZ16:Wiper for PL101



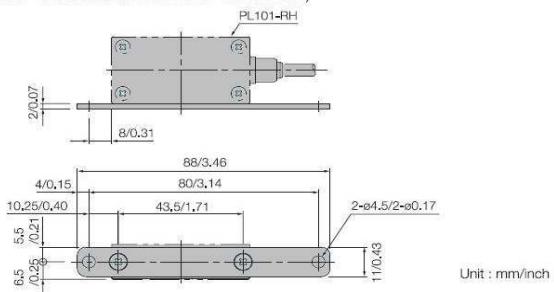
- SZ17:Spacer set  
(for clearance Check t=0.25,0.35,0.45mm) for PL101



- SZ18:Attachment  
(for PL101-N/PL101-R to install with threaded hole on machine)



- SZ19:Attachment  
(for PL101-RH to install with threaded hole on machine)



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

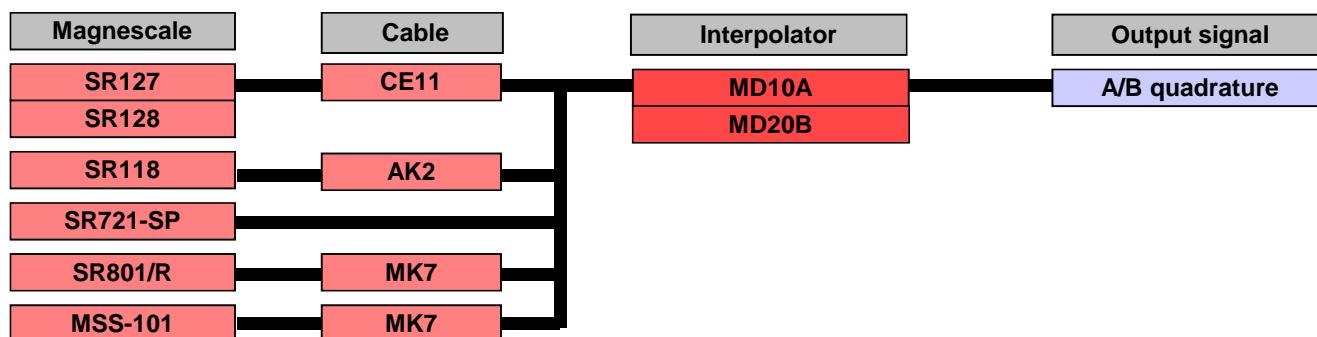
Product code	Product	Model	
97924996	<b>CK-T12</b>	Extension cable (1m); High-flex cable	72,00 €
97924997	<b>CK-T13</b>	Extension cable (3m); High-flex cable	92,00 €
97924998	<b>CK-T14</b>	Extension cable (5m); High-flex cable	114,00 €
97924999	<b>CK-T15</b>	Extension cable (10m); High-flex cable	164,00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

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

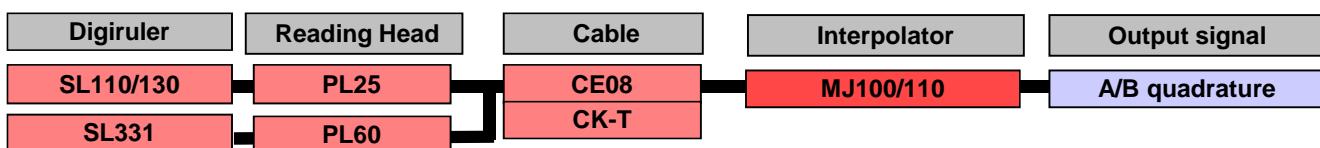
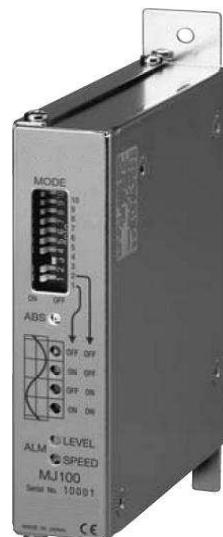
MD10A



MD20B



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



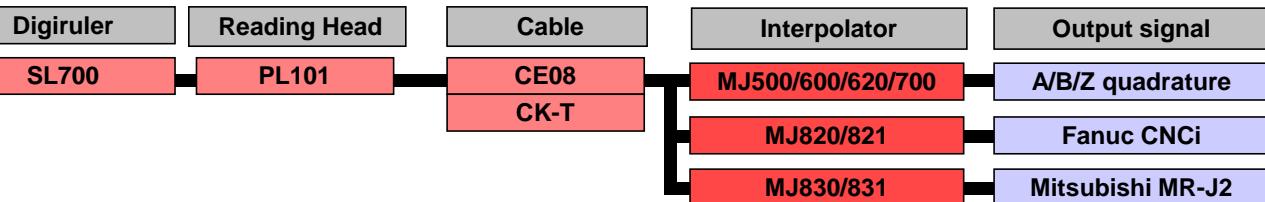
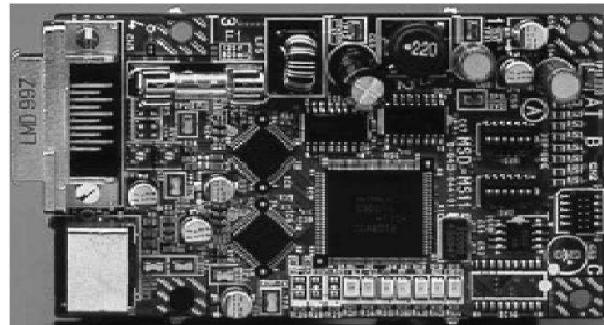
Product code	Product	Model	SRP
97977125	<b>MJ100</b>	Detector for Digiruler (RS422 output)	554,00 €
97977126	<b>MJ110</b>	Detector for Digiruler (Open collector output)	540,00 €
97977244	<b>MZ2</b>	Output connector for MJ100/110/620	68,00 €
97977245	<b>MZ3</b>	Head input connector	33,00 €
97977246	<b>MZ4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

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

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

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

**MJ500**  
**MJ600**  
**MJ700**  
**MJ820**  
**MJ821**  
**MJ830**  
**MJ831**

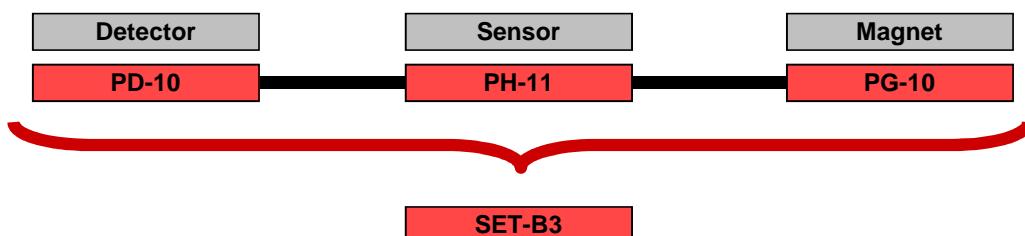
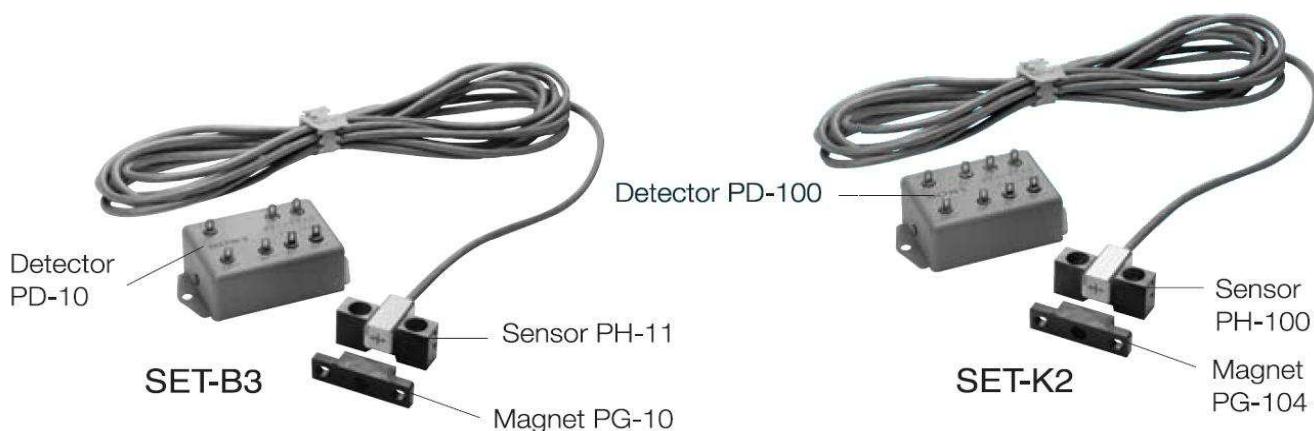
**MJ620**

Product code	Product	Model	SRP
97977241	<b>MJ500</b>	Detector for A/B/Z quadrature output / Divisions 80 to 400	646,00 €
97977242	<b>MJ600</b>	Detector for A/B/Z quadrature output / Divisions 500 to 1024	828,00 €
97977490	<b>MJ620</b>	Detector for A/B/Z quadrature output / Divisions 35 to 800	516,00 €
97977243	<b>MJ700</b>	Detector for A/B/Z quadrature output / Divisions 1200 to 4000	981,00 €
97977517	<b>MJ820</b>	Detector for Fanuc CNCi (Power supply voltage: DC5V)	1.014,00 €
97977518	<b>MJ821</b>	Detector for Fanuc CNCi (Power supply voltage: DC12V to 24V)	1.014,00 €
97977519	<b>MJ830</b>	Detector for Mitsubishi MR-J2 (Power supply voltage: DC5V)	1.014,00 €
97977520	<b>MJ831</b>	Detector for Mitsubishi MR-J2 (Power supply voltage: DC12V to 24V)	1.014,00 €

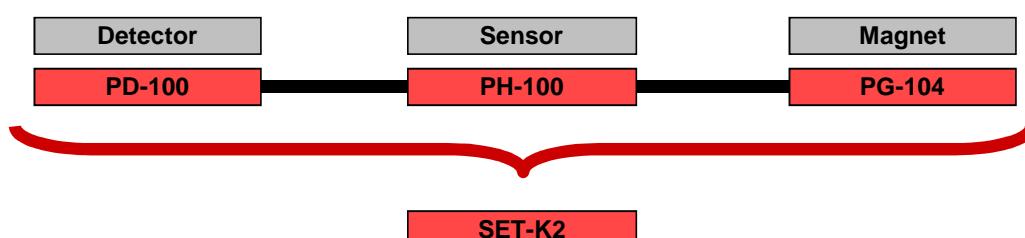
Product code	Product	Model	SRP
97977244	<b>MZ2</b>	Output connector for MJ100/110/620	68,00 €
97977502	<b>MZ5</b>	Housing for MJ620	107,00 €
97977563	<b>MZ6</b>	Interface connector for MJ820/821	38,00 €

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

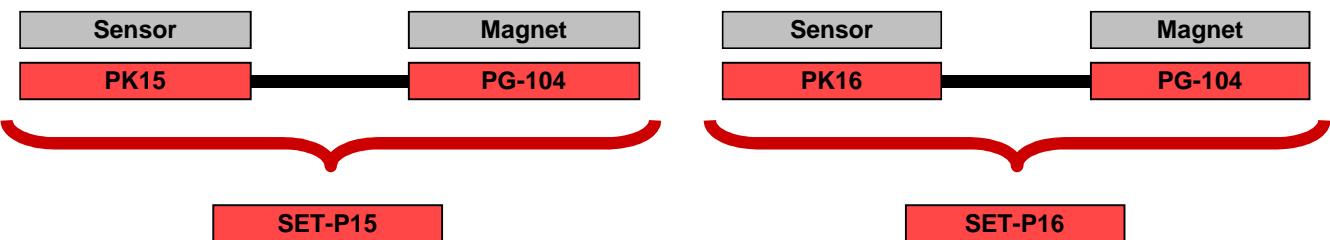
97958805	<b>CE08-01</b>	Extension cable 1m (It is not suitable to use of moving parts)	49,00 €
97958801	<b>CE08-03</b>	Extension cable 3m (It is not suitable to use of moving parts)	68,00 €
97958802	<b>CE08-05</b>	Extension cable 5m (It is not suitable to use of moving parts)	89,00 €
97958803	<b>CE08-10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



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



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

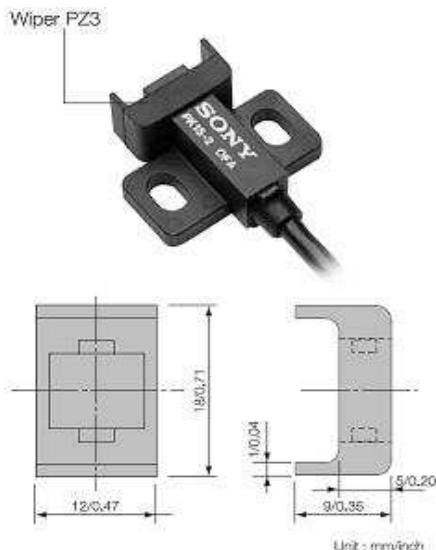
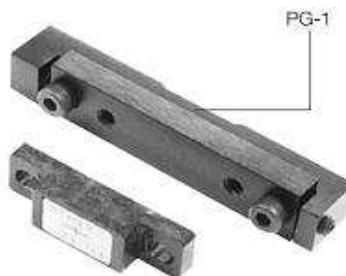
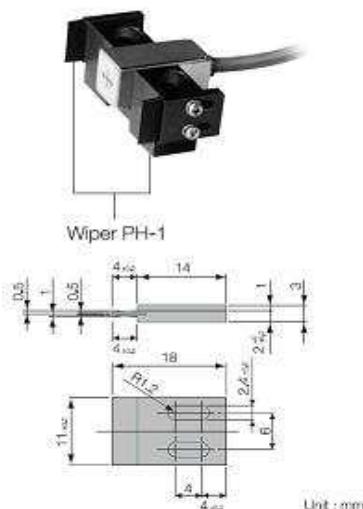


Product code	Product	Model	SRP
97923073	<b>SET-P15-1</b>	Magneswitch (5V; 1,5m cable)	114,00 €
97923074	<b>SET-P15-2</b>	Magneswitch (12V; 1,5m cable)	114,00 €
97923075	<b>SET-P15-3</b>	Magneswitch (24V; 1,5m cable)	114,00 €
97959401	<b>SET-P16-1</b>	Magneswitch (1,5m cable)	146,00 €
97930061	<b>SET-P16-1T01</b>	Magneswitch (3,0m cable)	163,00 €
97958901	<b>CE09-03</b>	3m Cable (SET-P16)	68,00 €
97958902	<b>CE09-05</b>	5m Cable (SET-P16)	83,00 €
97958903	<b>CE09-10</b>	10m Cable (SET-P16)	116,00 €
97958904	<b>CE09-15</b>	15m Cable (SET-P16)	151,00 €
97922032	<b>PZ3</b>	Wiper for Set -P15/P16	18,00 €



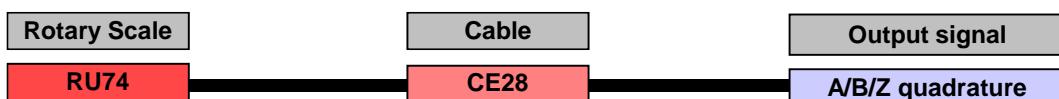
Product code	Product	Model	SRP
97923039	<b>PG104</b>	Magnet	18,00 €
97923037	<b>PH100</b>	Reading head (3m cable)	96,00 €
97939694	<b>PH100-3P</b>	Reading head (3m cable)	115,00 €
97939645	<b>PH100-5P</b>	Reading head (5m cable)	121,00 €
97923068	<b>PH100-10P</b>	Reading head (10m cable)	136,00 €
97939606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

PZ3 Wiper (for SET-P15/-P16)

PG-1 Magnet mount  
(for magnet PG-10 and magnet PG -104)PH-1 Wiper  
(for PH-11 Sensor, PH-100 Sensor and PH-500 Sensor)

- Permits fine adjustment in the magnet's detecting direction by  $\pm 1$  mm.

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



R U 7 4 - 4 0 9 6 A □ ■

Resolution-Revolution direction-Polarity

Wave number/Revolution

Output 4: A/B quadrature signal-Reference point output signal

Design 7: Compact ( $\phi 110$ ) Accuracy:  $\pm 2.5$  s

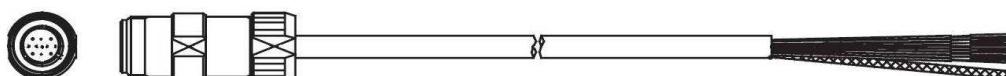
Model RU: Rotary magnescale

Minimum phase differential time setting (ns)

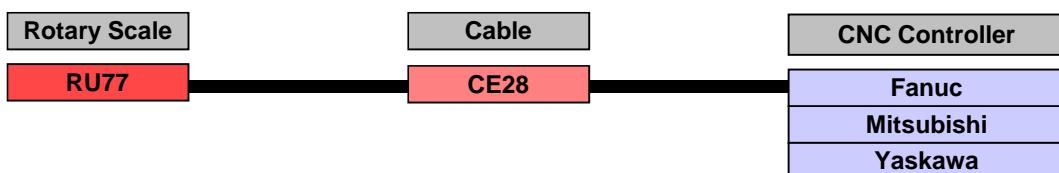
Minimum phase differential time setting (ns)	Model	Response revolutions (min <sup>-1</sup> )	
		Approx. 1/1000°	Approx. 1/10000°
50	A	2000	267
100	B	1332	133
150	C	888	89
200	D	666	67
250	E	533	53
300	F	444	44
400	G	333	33
500	H	266	27
650	J	205	21
1000	K	133	13
1250	L	107	11
2500	M	53	5
3000	N	44	4

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)	
97928749	CE28-030N	Cable for RU74 (3m non-armored with open end)	



**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

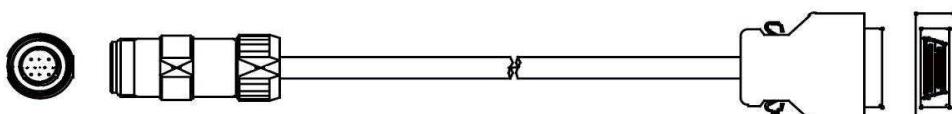
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**01~**

<Communication protocol>

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.

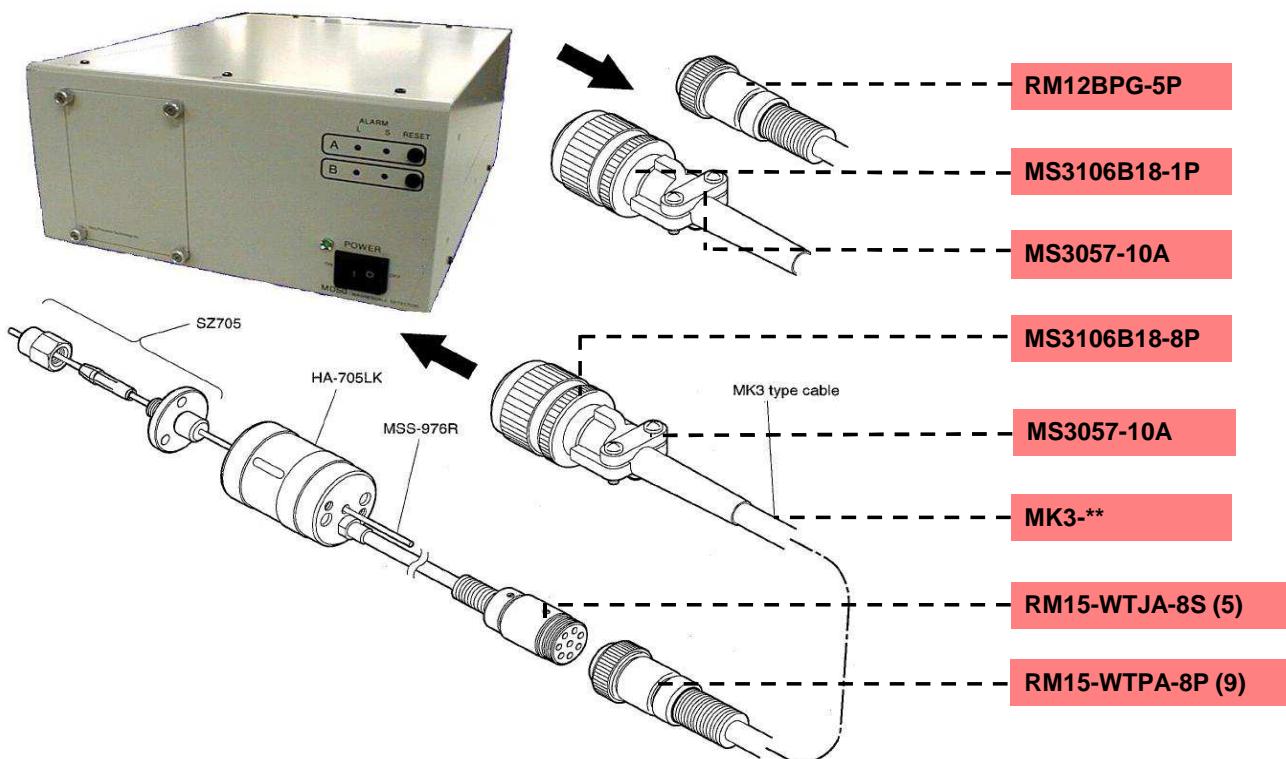
Product	Model	SRP
RU77-4096A**	Same price for all models	2.561,00 €



Product code	Product	Model	
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 €

# Rolling Mill

## Line-Up



### Rolling Mill Scales

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

97950932	<b>MSS976R-0250L03</b>	MSS976R-250MM (75-250Y-75)	283,00 €
97950859	<b>MSS976R-0350L02</b>	MSS976R-350MM (75-350Y-75)	321,00 €
97930544	<b>MSS976R-650T01</b>	MSS976R 650T01 (30:650R:30) NO TENSION	596,00 €

### Rolling Mill Reading Heads

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

# Rolling Mill

## Line-Up

### Rolling Mill Detectors

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

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

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

### Rolling Mill accessories

Product code	Product	Model	SRP
97991867	<b>SZ705</b>	Scale chuck for MSS976R scale	501,00 €

## Local purchase part from Yamazen

### Rolling Mill connector for reading head HA-705LK

Product code	Product	Model	SRP
182110211	<b>RM15-WTJA-8S (5)</b>	Female connector for HA-705LK reading head	

### Rolling Mill connector for cable MSK-8P

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

### Rolling Mill output connector for MD50 detector

Product code	Product	Model	SRP
150896911	<b>MS3106B18-1P</b>	Output connector for MD50	
150945512	<b>MS3057-10A</b>	Connector clamp for MS3106B18-8P	

### Connector Holder Clamp for MK3

Product code	Product	Model	SRP
294700101	<b>Connector Holder/Clamp</b>	Connector Holder/Clamp (MK3)	each 1pc.

### Cable for Rolling Mill Application

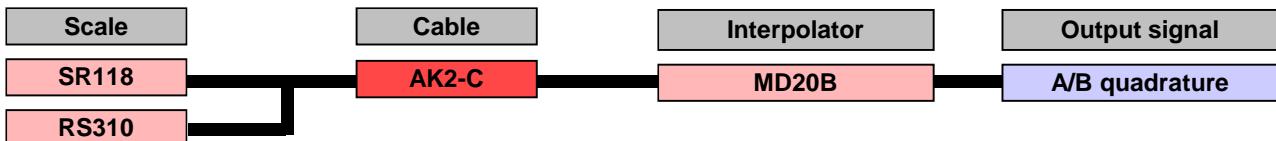
Product code	Product	Model	SRP
761306340	<b>MSK-8P</b>	Cable without connector	each meter

### Scale chuck for MSS976 scales

Product code	Product	Model	SRP
050222451	<b>SZ705-D01</b>	Scale chuck ( Local Purchase)	

# AK

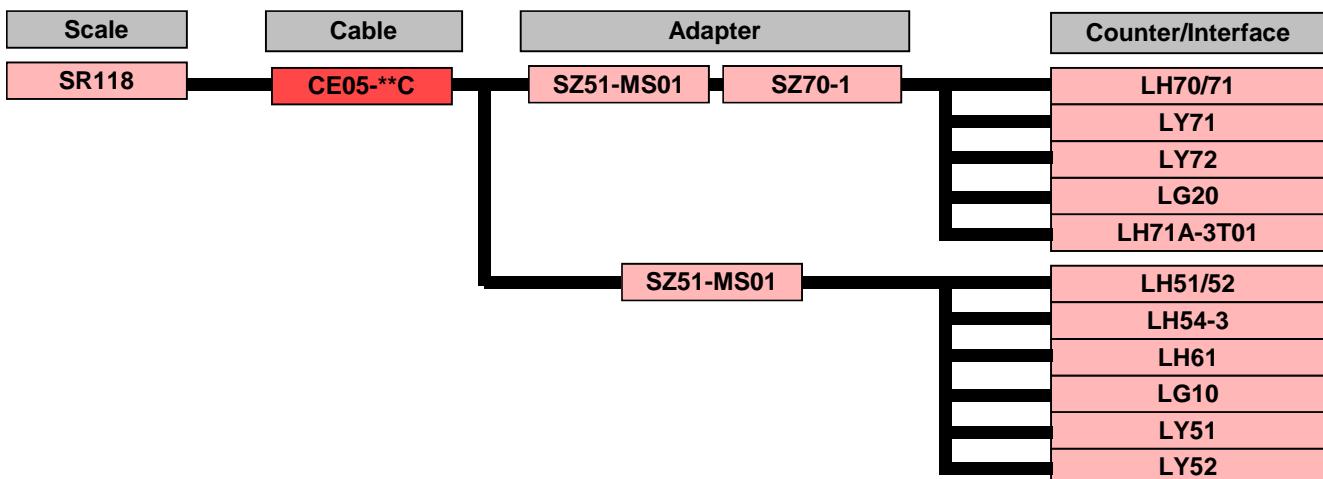
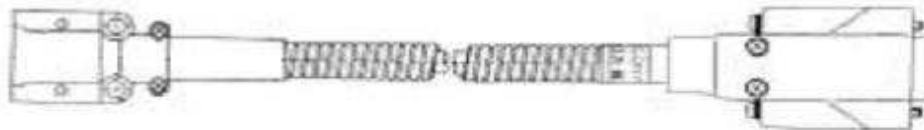
## AK-\*\*C SERIES



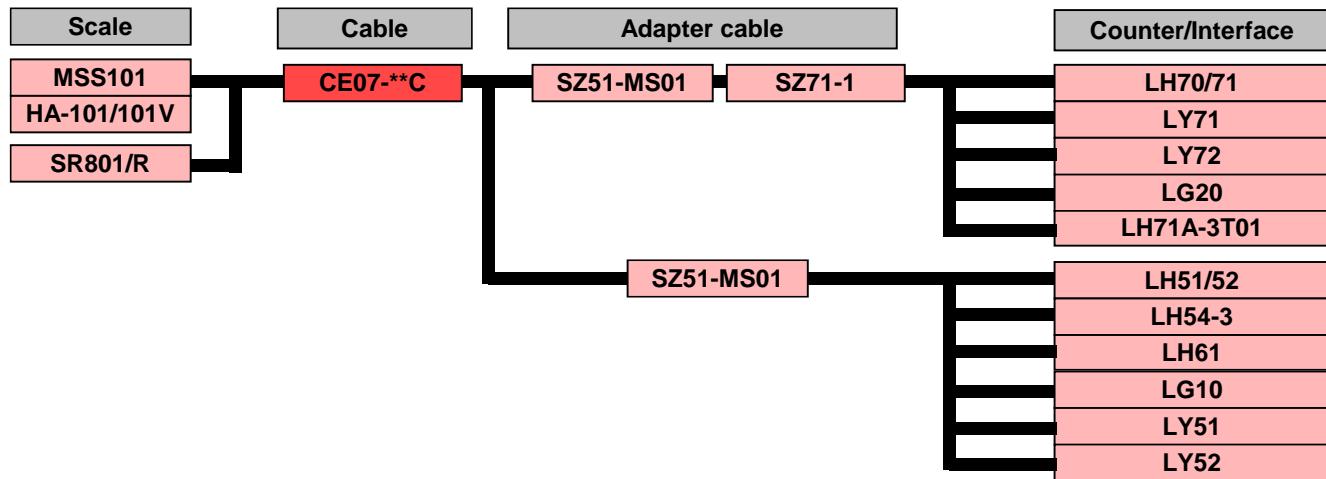
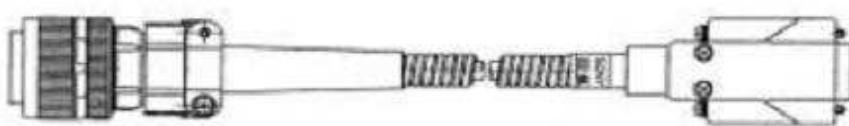
Product code	Product	Type	SRP
97921085	AK2-10C	Adapter cable 10m with Hirose 7P/Sub-D	387,00 €
97991267	AK2-LA03N	Adapter cable 3m with Hirose 7P/Sub-D	334,00 €
97921091	AK3-05CR	AK3-05CR Connecting cable	249,00 €

# CE

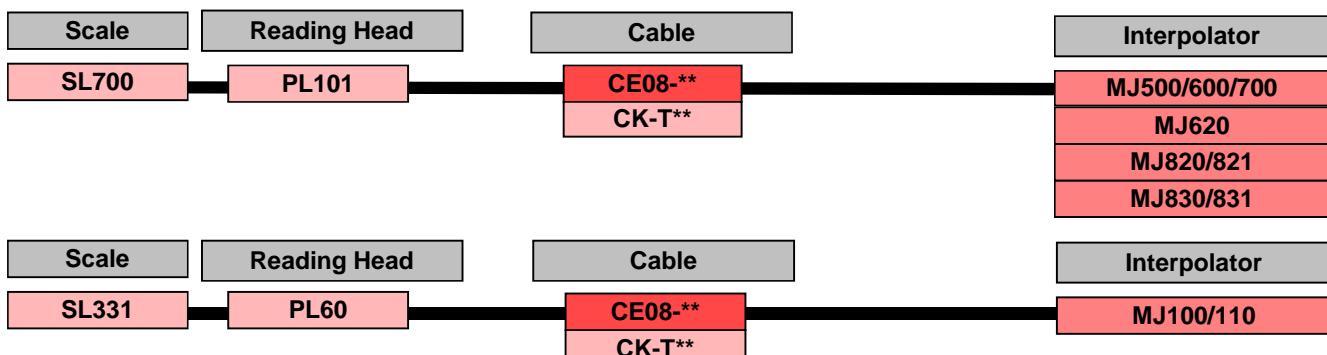
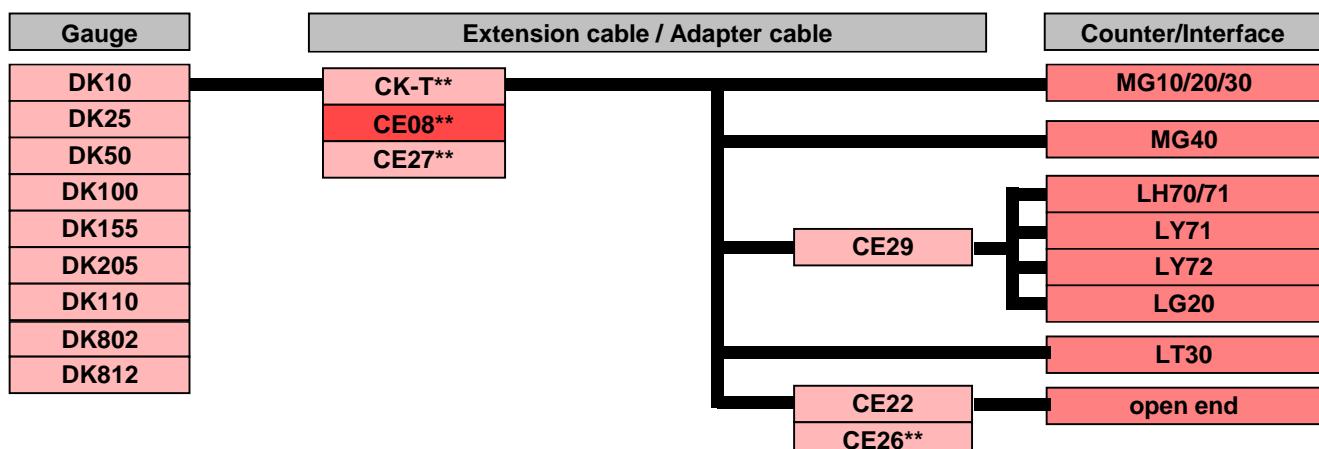
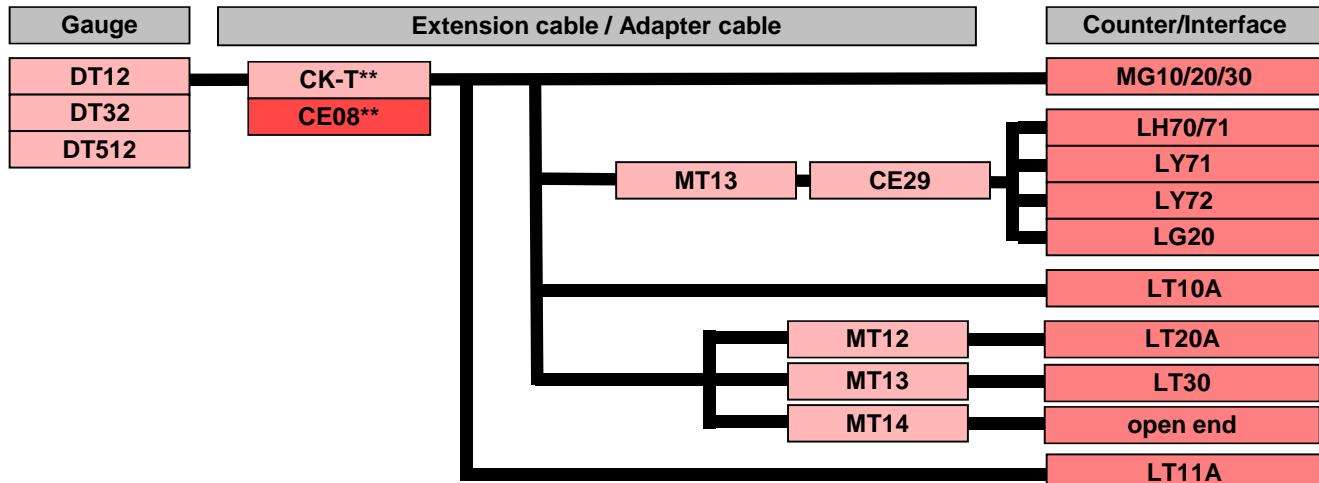
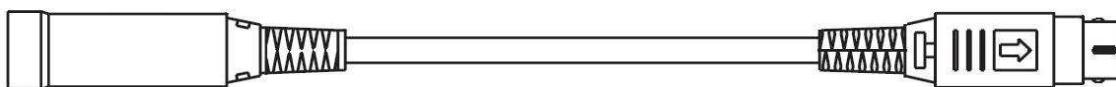
## CE05-\*\*C SERIES



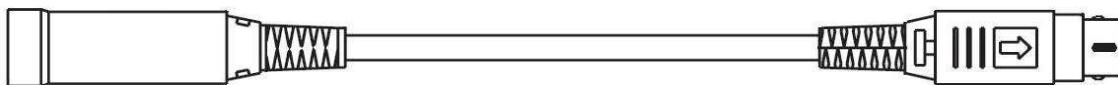
Product code	Product	Model	SRP
97952301	CE05-3C	Cable 3m	191,00 €
97952302	CE05-5C	Cable 5m	191,00 €



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



Magneswitch

SET-P16

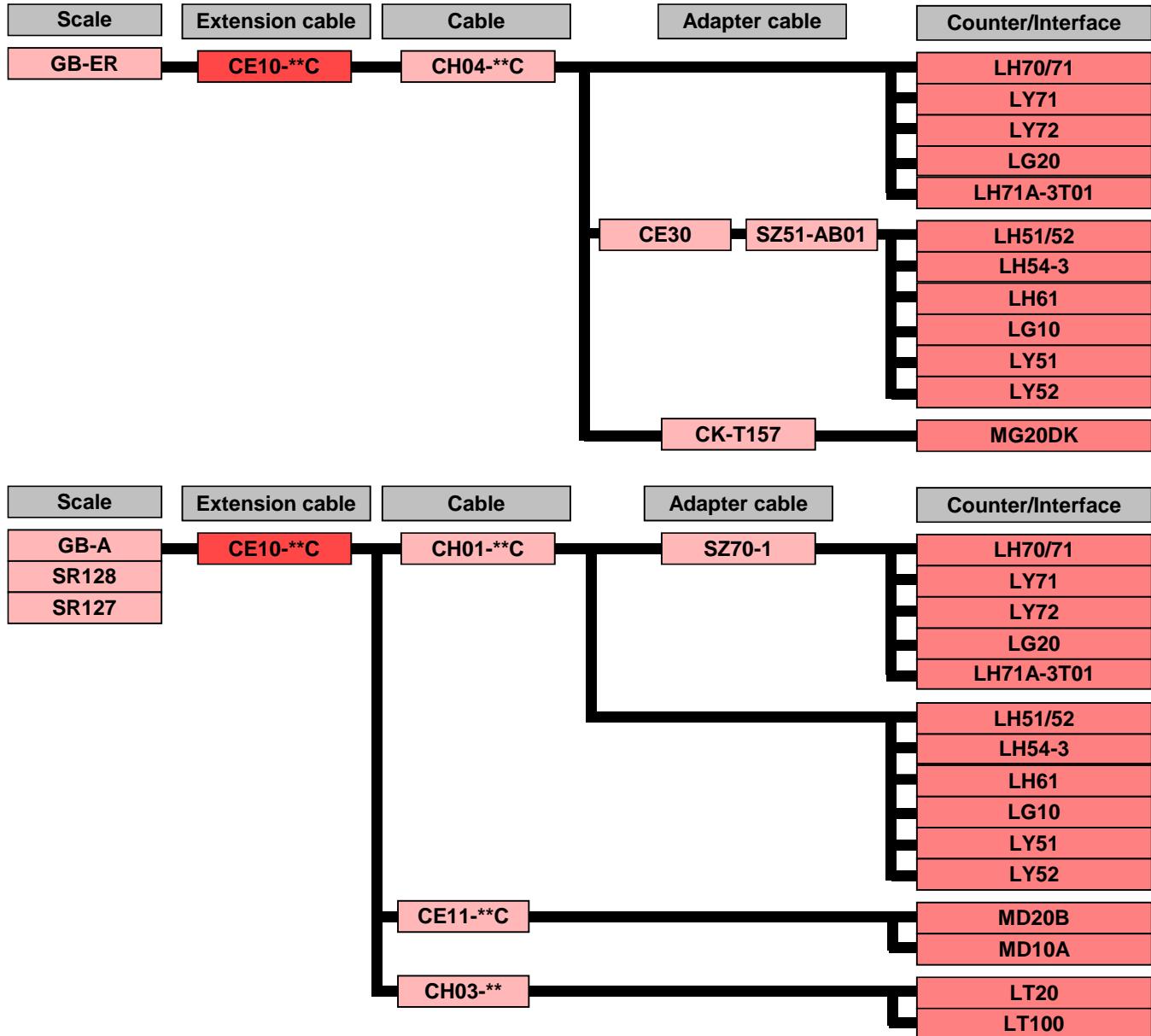
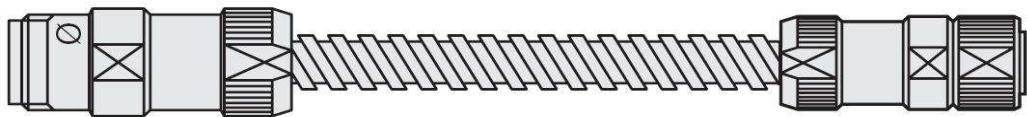
Extension Cable

CE09-\*\*

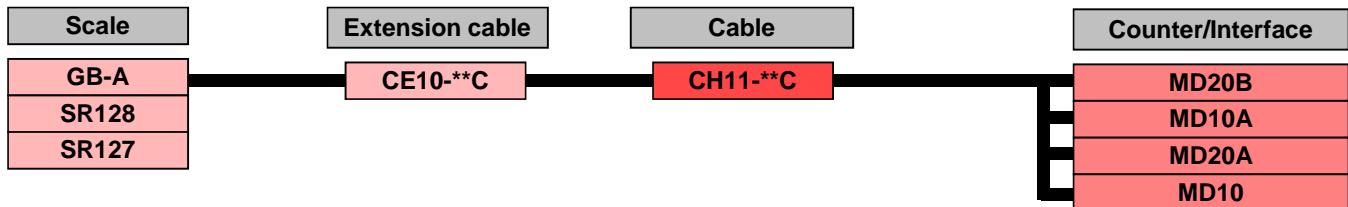
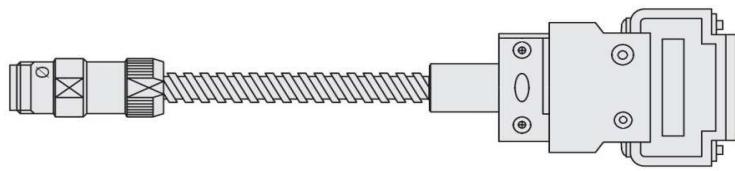
Interpolator

MD20B

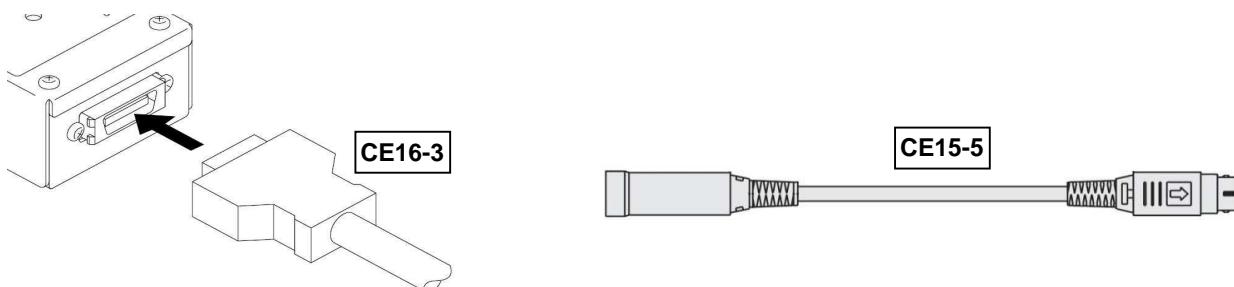
Product code	Product	Model	SRP
97958901	<b>CE09-03</b>	Extension cable 3m for Set-P16	68,00 €
97958902	<b>CE09-05</b>	Extension cable 5m for Set-P16	83,00 €
97958903	<b>CE09-10</b>	Extension cable 10m for Set-P16	116,00 €
97958904	<b>CE09-15</b>	Extension cable 15m for Set-P16	151,00 €



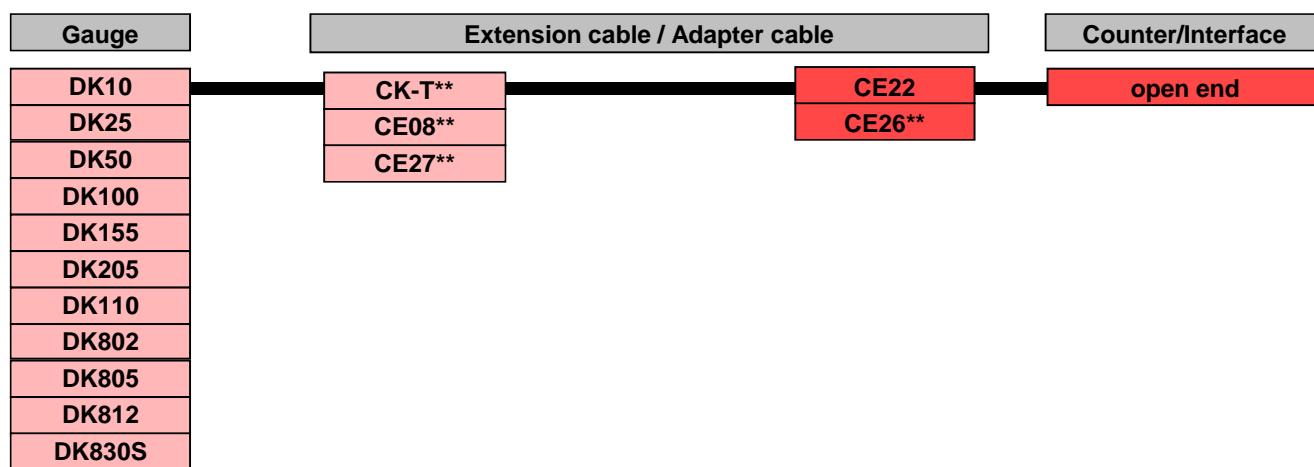
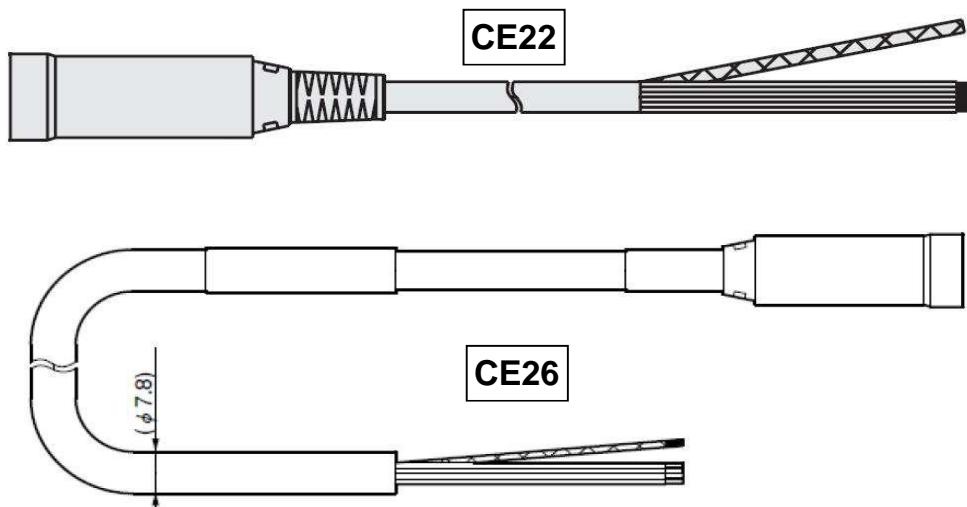
Product code	Product	Model	SRP
97966101	CE10-01C	Extension cable 1m	121,00 €
97966102	CE10-03C	Extension cable 3m	121,00 €
97966103	CE10-05C	Extension cable 5m	144,00 €
97966104	CE10-10C	Extension cable 10m	222,00 €

**CE****CE11-\*\*C SERIES**

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 €

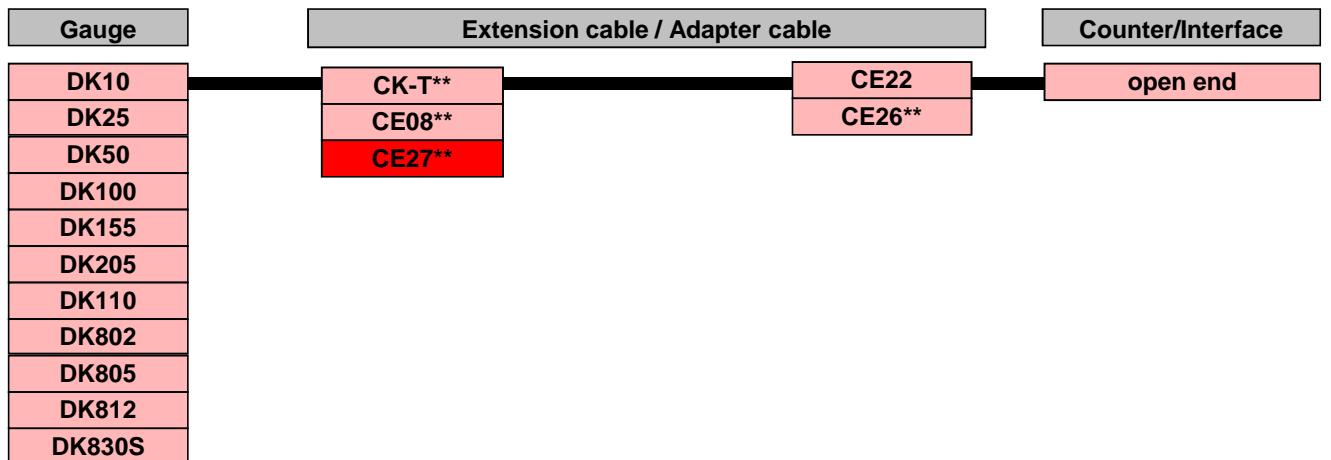
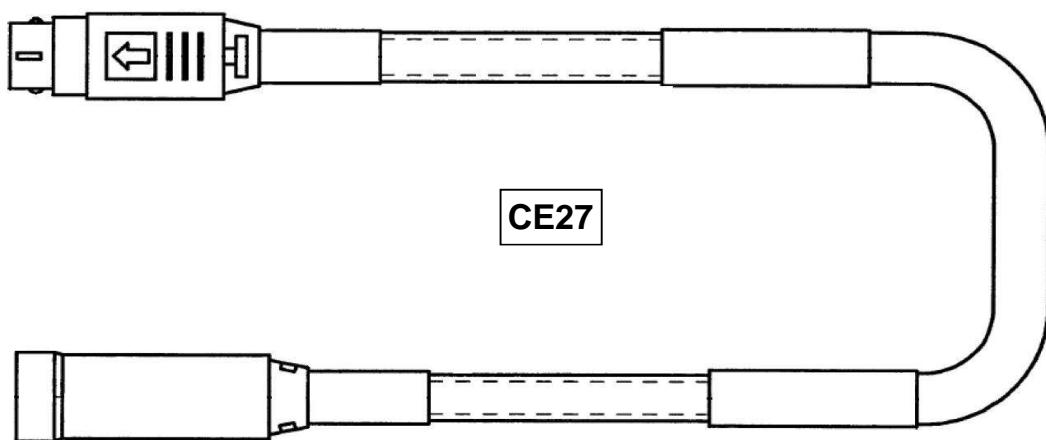
**CE****CE15 / C16 SERIES**

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 €

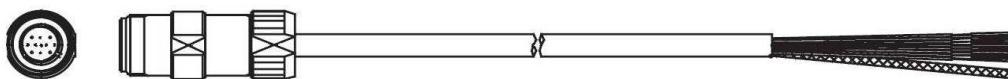


Product code	Product	Model	SRP
97928116	CE22-01	Extension cable with open end (1m)	60,00 €
97928117	CE22-03	Extension cable with open end (3m)	74,00 €
97928118	CE22-05	Extension cable with open end (5m)	91,00 €
97928119	CE22-10	Extension cable with open end (10m)	131,00 €

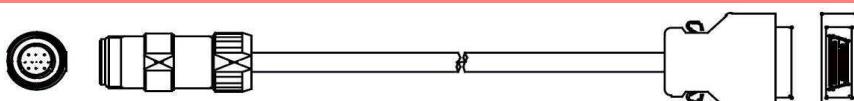
Product code	Product	Model	SRP
97931990	CE26-01	Thick extension cable with open end (1m) (low impedance)	103,00 €
97931991	CE26-03	Thick extension cable with open end (3m) (low impedance)	121,00 €
97931992	CE26-05	Thick extension cable with open end (5m) (low impedance)	142,00 €
97931993	CE26-10	Thick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



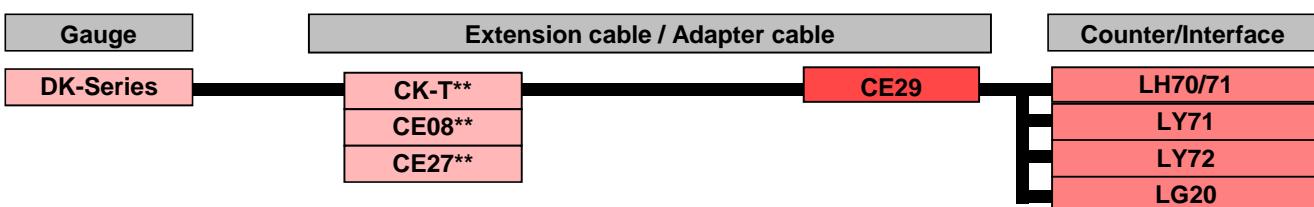
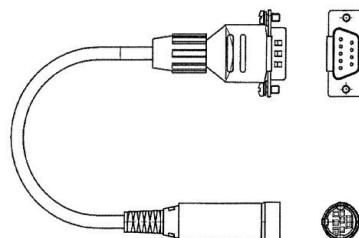
Product code	Product	Model	SRP
97931994	CE27-01	Thick extension cable (1m) (low impedance)	151,00 €
97931995	CE27-03	Thick extension cable (3m) (low impedance)	169,00 €
97931996	CE27-05	Thick extension cable (5m) (low impedance)	189,00 €
97931997	CE27-10	Thick extension cable (10m) (low impedance)	236,00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

**CE****CE28-\*\* SERIES**

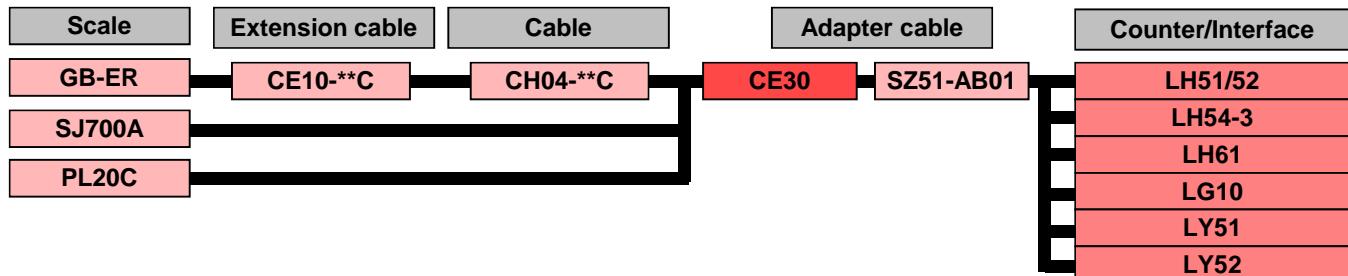
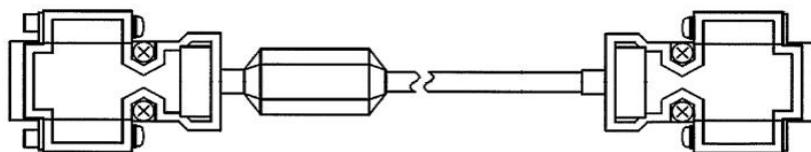
Product code	Product	Model	SRP
97928791	<b>CE28-030C</b>	Cable for RU74 (3m armored with open end)	
97928749	<b>CE28-030N</b>	Cable for RU74 (3m non-armored with open end)	



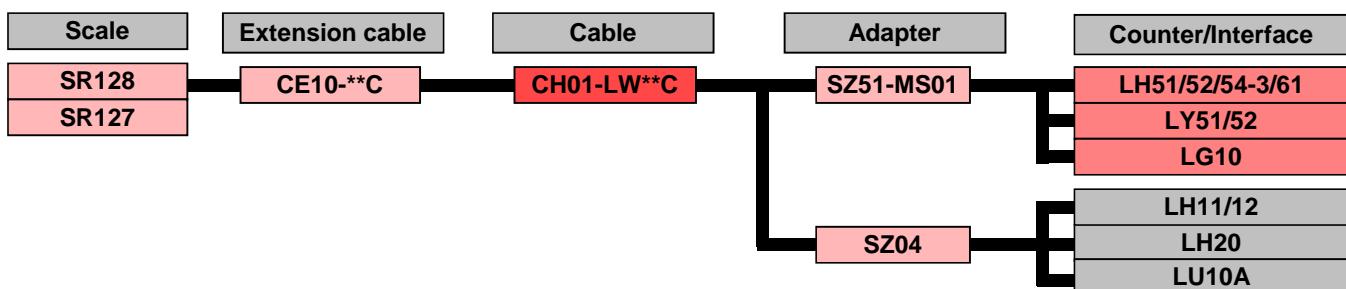
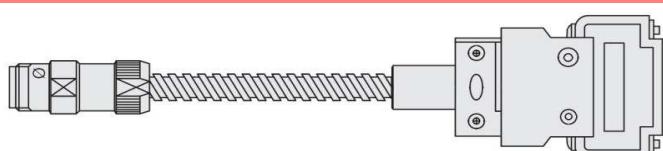
Product code	Product	Model	SRP
97949027	<b>CE28-020NF</b>	Cable for RU77 to connect to Fanuc Controller 2m	120,00 €
97948642	<b>CE28-030NF</b>	Cable for RU77 to connect to Fanuc Controller 3m	120,00 €
97948612	<b>CE28-050NF</b>	Cable for RU77 to connect to Fanuc Controller 5m	156,00 €
97949387	<b>CE28-100NF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

**CE****CE29-\*\* SERIES**

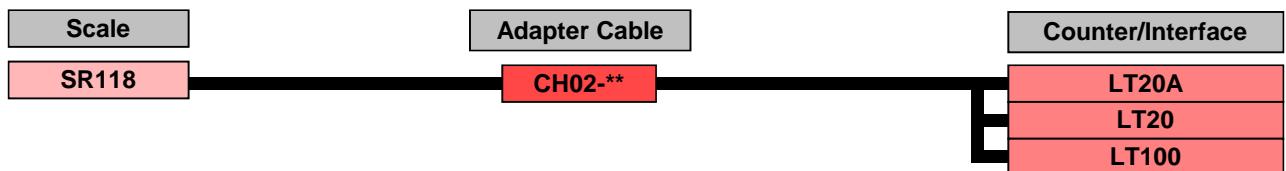
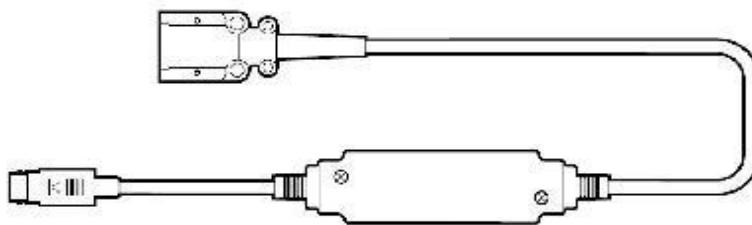
Product code	Product	Model	SRP
97928697	<b>CE29-01</b>	Adapter cable 1m (DK to LY71/72 LH70 series)	67,00 €
97928698	<b>CE29-03</b>	Adapter cable 3m (DK to LY71/72 LH70 series)	81,00 €
97928699	<b>CE29-05</b>	Adapter cable 5m (DK to LY71/72 LH70 series)	101,00 €
97928700	<b>CE29-10</b>	Adapter cable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

**CE****CE30 SERIES**

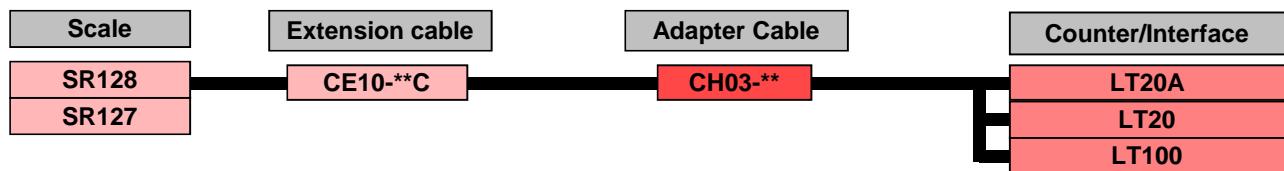
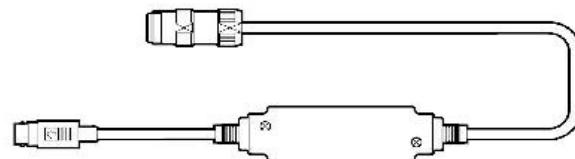
Product code	Product	Model	SRP
97928895	<b>CE30</b>	Adapter cable	60,00 €

**CH****CH01LW-\*\*C**

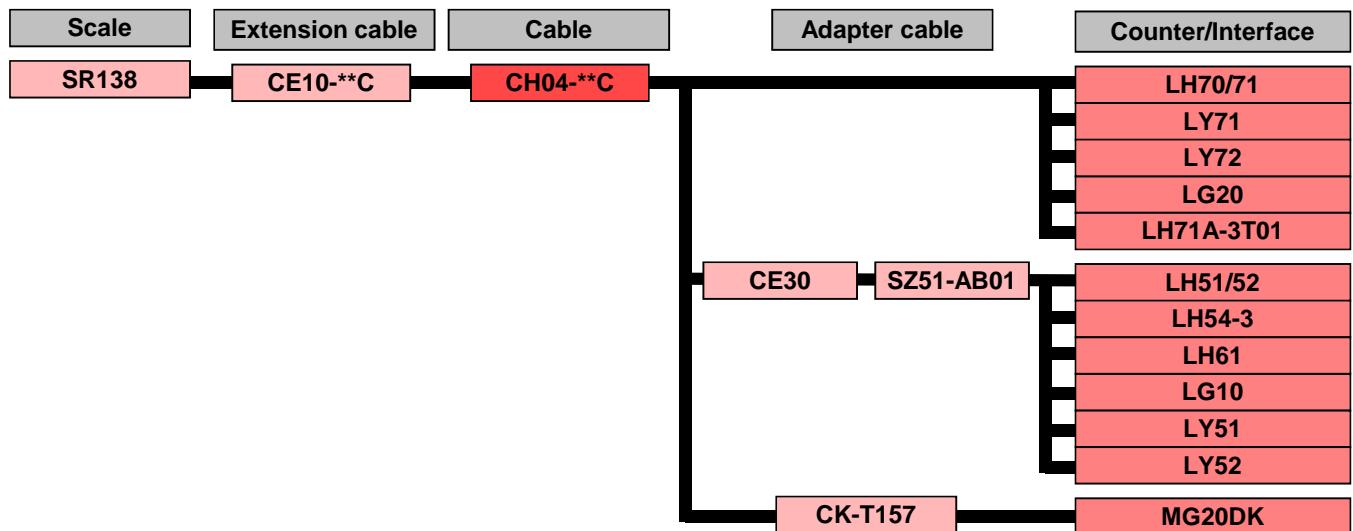
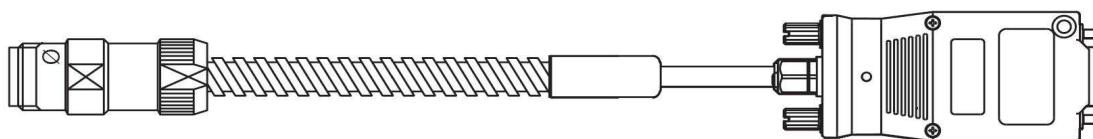
Product code	Product	Model	SRP
97991169	<b>CH01-LW03C</b>	Cable 3m with HA31A	167,00 €
97991170	<b>CH01-LW05C</b>	Cable 5m with HA31A	204,00 €
97991171	<b>CH01-LW10C</b>	Cable 10m with HA31A	289,00 €

**CH****CH02-\*\* SERIES**

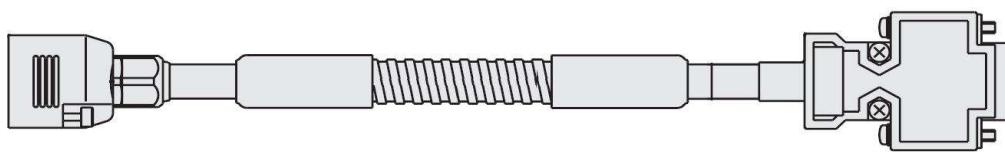
Product code	Product	Model	SRP
97968601	<b>CH02-01</b>	Cable 1m (SR118 to LT)	185,00 €
97968602	<b>CH02-03</b>	Cable 3m (SR118 to LT)	185,00 €
97968603	<b>CH02-05</b>	Cable 5m (SR118 to LT)	226,00 €

**CH****CH03-\*\* SERIES**

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

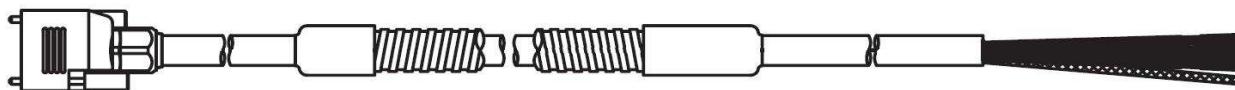


Product code	Product	Model	SRP
97928564	CE04-03C	Cable 3m; armored for SR138	140,00 €
97938706	CE04-05CT01	Cable 5m; armored for SR138	169,00 €



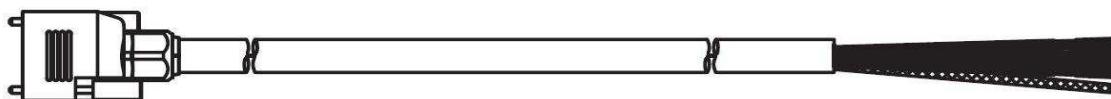
Product code	Product	Type	SRP
97950946	<b>CH33-03CPD</b>	3m cable / armor / PVC / Sub-D 9 pin	59,00 €
97950956	<b>CH33-05CPD</b>	5m cable / armor / PVC / Sub-D 9 pin	103,00 €
97950957	<b>CH33-10CPD</b>	10m cable / armor / PVC / Sub-D 9 pin	204,00 €
97950958	<b>CH33-15CPD</b>	15m cable / armor / PVC /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

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



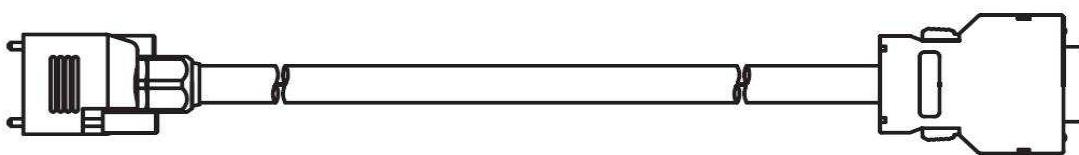
97978236	<b>CH33-03CP</b>	3m cable / armor / PVC / open end	48,00 €
97978237	<b>CH33-05CP</b>	5m cable / armor / PVC / open end	82,00 €
97978238	<b>CH33-10CP</b>	10m cable / armor / PVC / open end	148,00 €
97978239	<b>CH33-15CP</b>	15m cable / armor / PVC / open end	249,00 €
97950479	<b>CH33-20CP</b>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

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

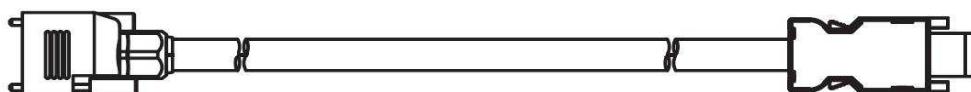


Product code	Product	Type	SRP
97950463	<b>CH33-01NP</b>	1m cable / PVC / open end	39,00 €
97948399	<b>CH33-02NP</b>	2m cable / PVC / open end	39,00 €
97950280	<b>CH33-03NP</b>	3m cable / PVC / open end	39,00 €
97950369	<b>CH33-05NP</b>	5m cable / PVC / open end	59,00 €
97950481	<b>CH33-10NP</b>	10m cable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

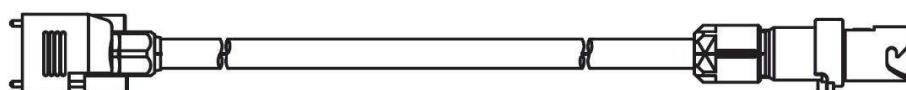
97950627	<b>CH33-03NE</b>	3m cable / PU / open end	64,00 €
97950461	<b>CH33-05NE</b>	5m cable / PU / open end	107,00 €
97950798	<b>CH33-10NE</b>	10m cable / PU / open end	191,00 €



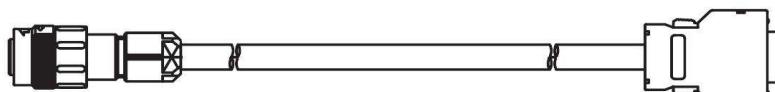
Product code	Product	Type	SRP
97948368	CH33-03NEF	PU cable (3m) with Fanuc connector	104,00 €
97948366	CH33-05NEF	PU cable (5m) with Fanuc connector	142,00 €
97949275	CH33-06NEF	PU cable (6m) with Fanuc connector	236,00 €
97949276	CH33-09NEF	PU cable (9m) with Fanuc connector	236,00 €
97948334	CH33-10NEF	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 €



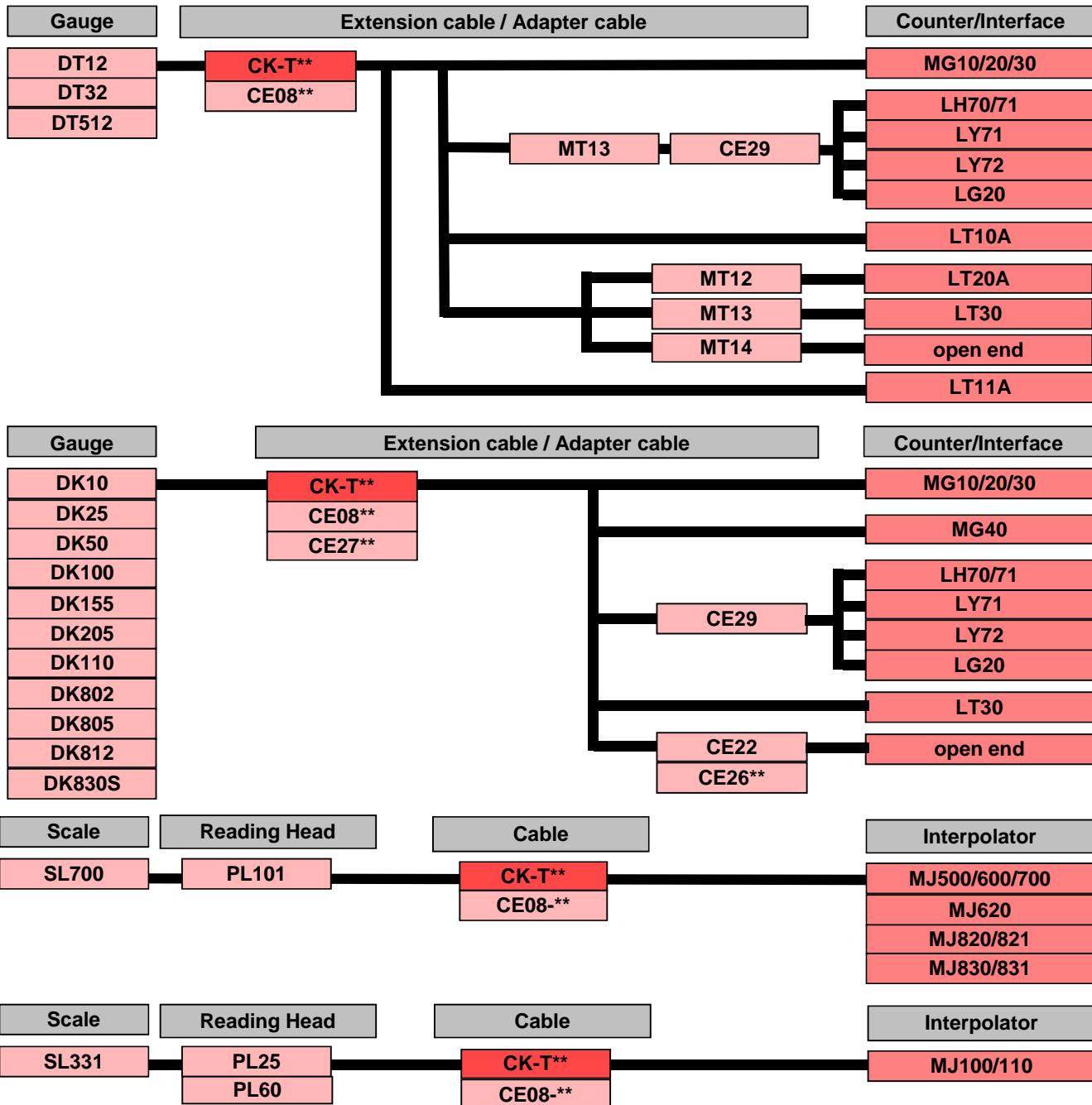
Product code	Product	Type	SRP
97948291	CH33-05NPG	PVC cable (5m) with Panasonic / Yaskawa connector	99,00 €



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 €



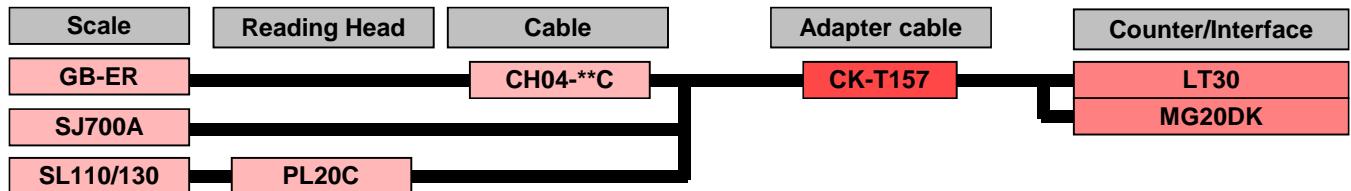
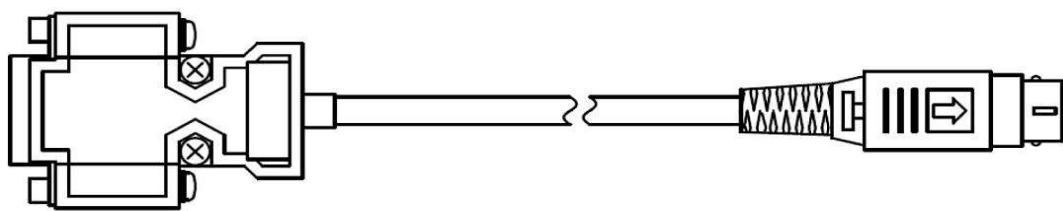
Product code	Product	Type	SRP
97948478	CH33-06NPQA	PVC cable (6m) Fanuc Controller side with coupling connector	219,00 €
97948657	CH33-09NPQA	PVC cable (9m) Fanuc Controller side with coupling connector	219,00 €
97948611	CH33-12NPMA	PVC cable (12m) Mitsubishi Controller side with coupling connector	232,00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



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

## CK-T157 SERIES



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

# DZ

## DZ\*\*\* SERIES

### DZ250

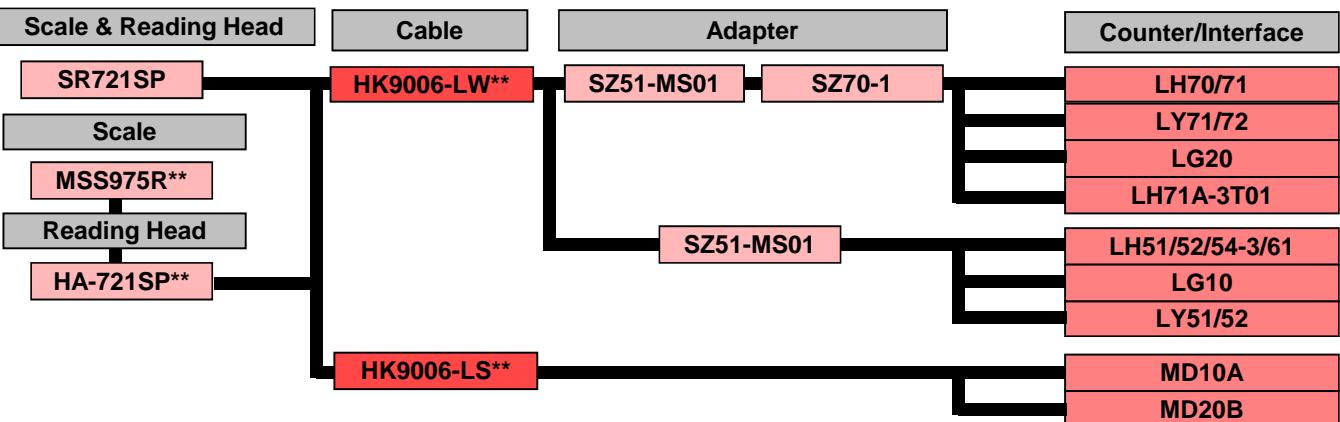
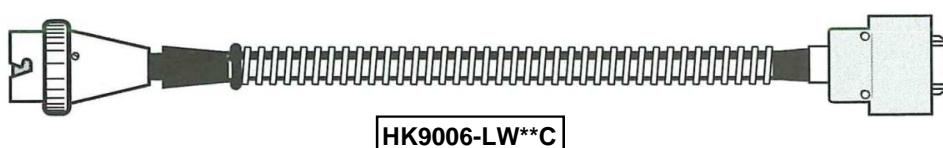
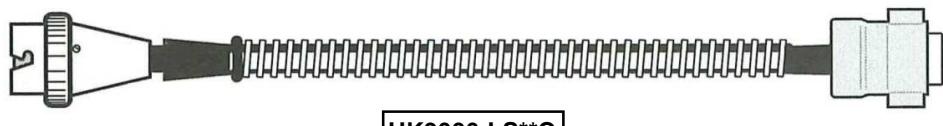
Product code	Product	Model	SRP
97922029	DZ250	RS232C link cable; open end; D-SUB 25 male	60,00 €

### DZ251

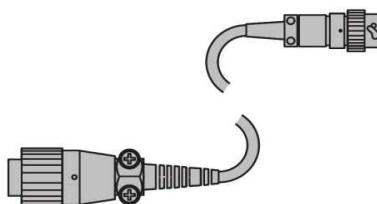
Product code	Product	Model	SRP
97920331	DZ251	RS232C link cable; open end; D-SUB 25 female	60,00 €

### DZ252

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



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 €



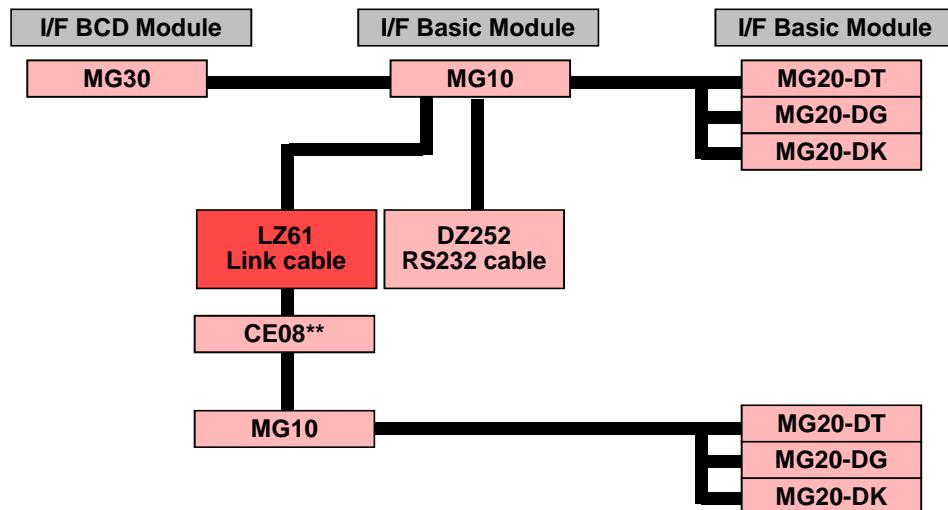
Product code	Product	Model	SRP
97951101	LZ40-3	3m cable for touch sensor TS1 / TS-3	58,00 €
97951102	LZ40-5	5m cable for touch sensor TS1 / TS-3	64,00 €
97951103	LZ40-10	10m cable for touch sensor TS1 / TS-3	78,00 €

**LZ****LZ\*\* SERIES****LZ52**

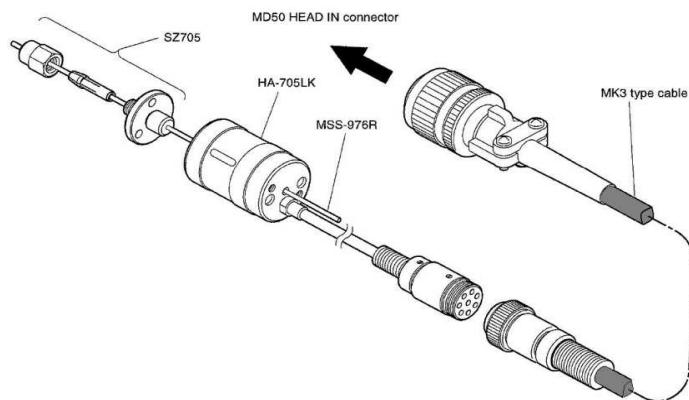
<b>Product code</b>	<b>Product</b>	<b>Model</b>	<b>SRP</b>
97968201	<b>LZ52</b>	Link cable for LY51/52 through RS-232C (Cable length 300mm )	64,00 €

**LZ54**

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

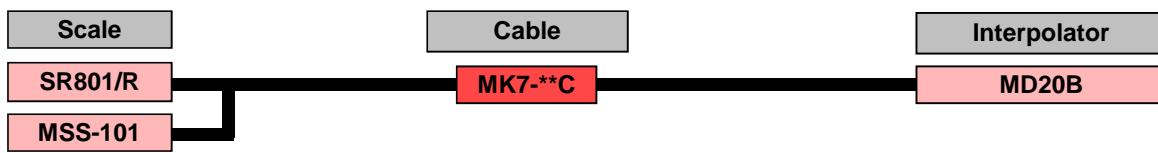
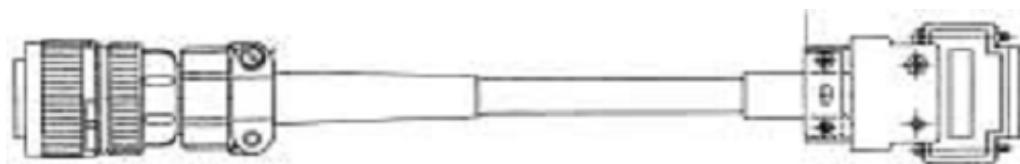
**LZ****LZ61 SERIES**

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

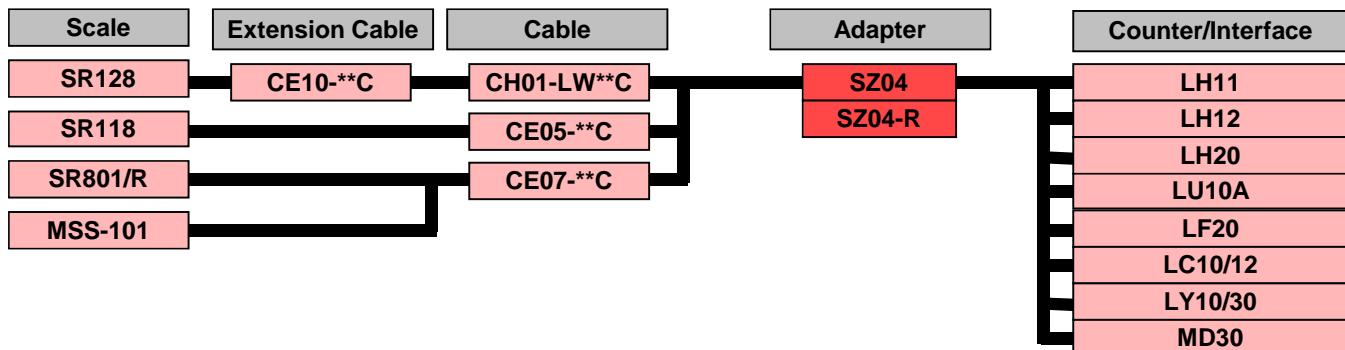


Rolling Mill cable including connector for HA-705LK and MD50

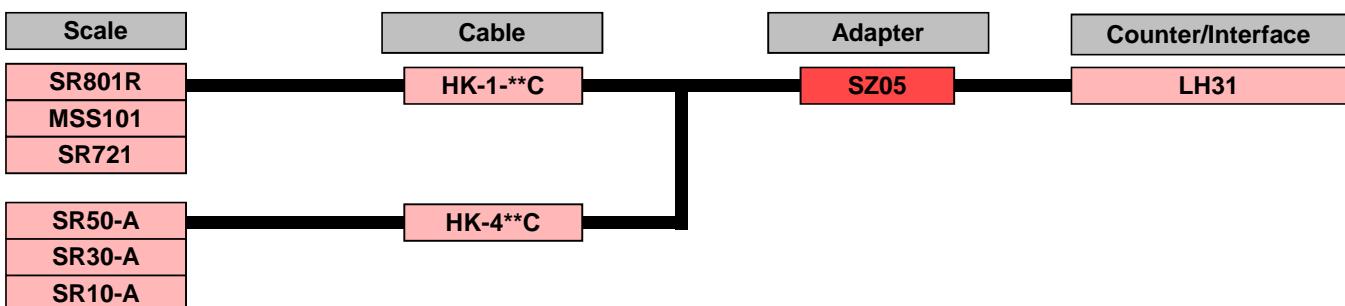
Product code	Product	Model	SRP
97921066	MK3-30	Cable (30m)	656,00 €
97921093	MK3-50	Cable (50m)	801,00 €
97921040	MK3-100	Cable (100m)	1.166,00 €
97921067	MK3-120	Cable (120m)	1.310,00 €
97921068	MK3-135	Cable (135m)	1.421,00 €
97921041	MK3-150	Cable (150m)	1.530,00 €



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 €



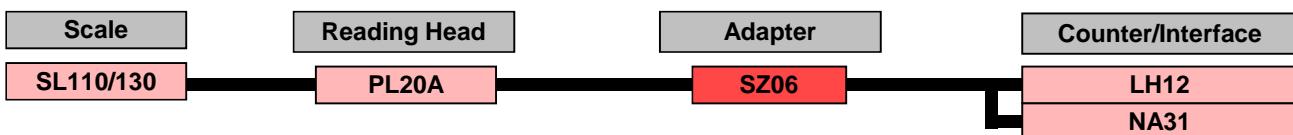
Product code	Product	Model	SRP
97951801	SZ04	Adapter	63,00 €
97953601	SZ04-R	Adapter for external reference point	63,00 €



Product code	Product	Model	SRP
97954401	SZ05	Adapter	63,00 €

# SZ

## SZ06 SERIES



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

# SZ

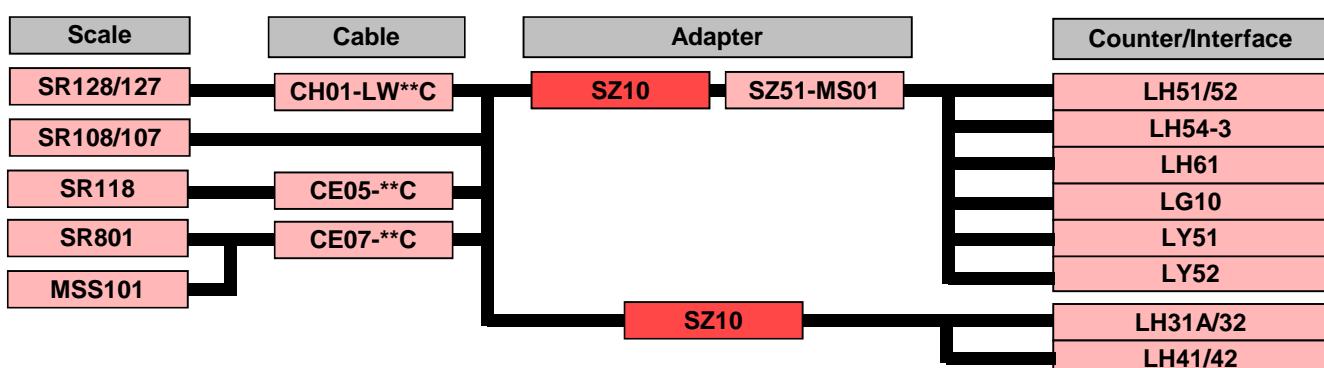
## SZ09 SERIES



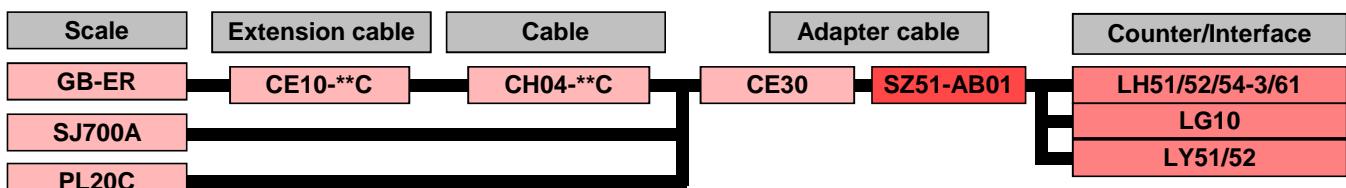
Product code	Product	Model	SRP
97954601	SZ09	Adapter	64,00 €

# SZ

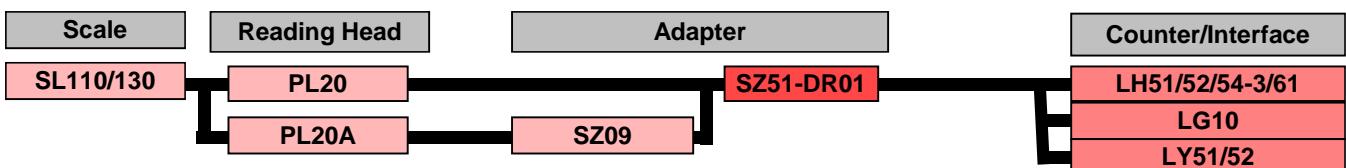
## SZ10 SERIES



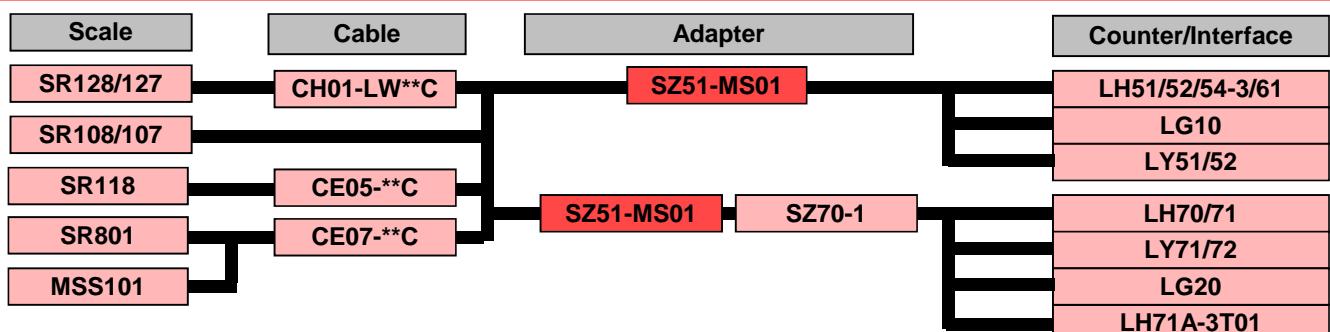
Product code	Product	Model	SRP
97962101	SZ10	Adapter external zero point sensor (PH500 sensor with PG104 magnet)	194,00 €

**SZ****SZ51-AB01 SERIES**

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

**SZ****SZ51-DR01 SERIES**

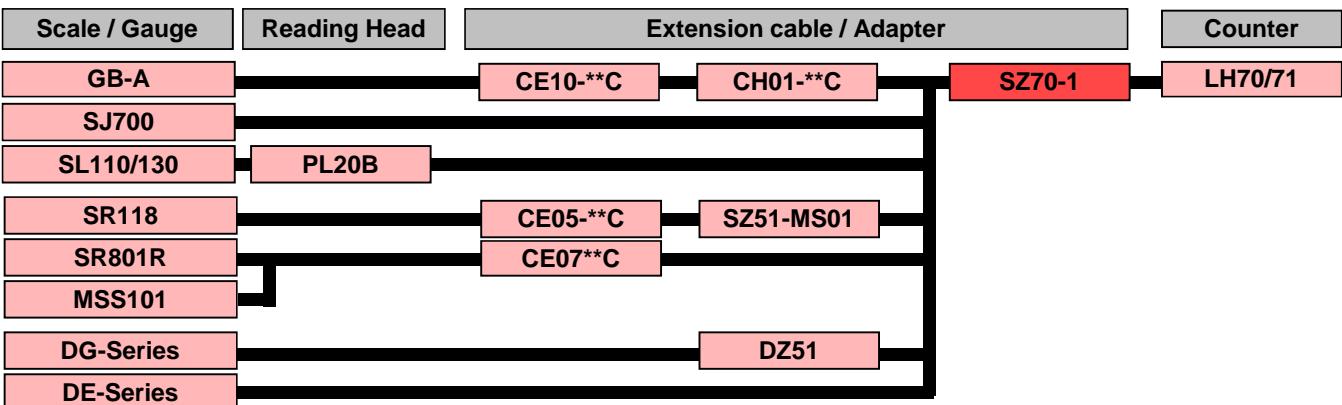
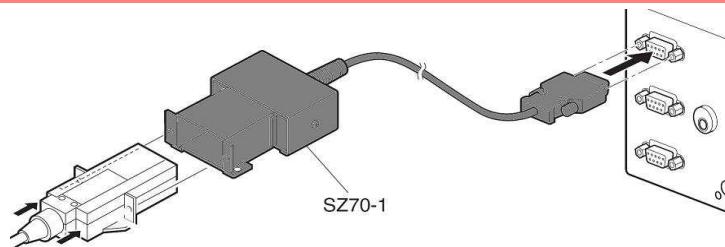
Product code	Product	Model	SRP
97967303	SZ51-DR01	Adapter	64,00 €

**SZ****SZ51-MS01 SERIES**

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

# SZ

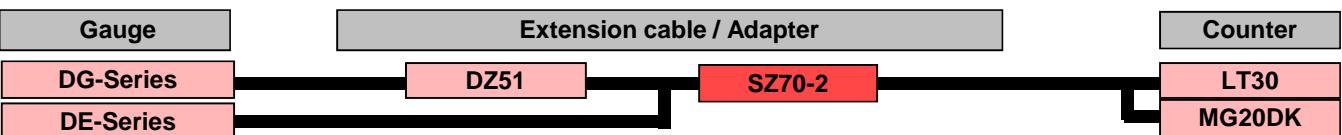
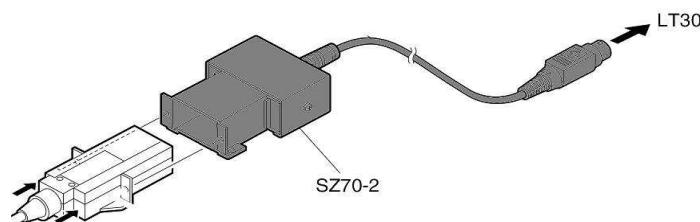
## SZ70-1 SERIES



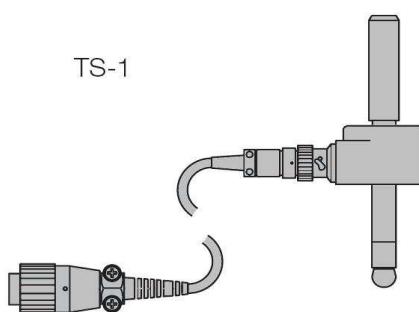
Product code	Product	Model	SRP
97928115	SZ70-1	Adapter	91,00 €

# SZ

## SZ70-2 SERIES



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



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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