PROMOTION

OMRON

2020



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NEW Smart Identification/Vision System

- All in one identification/vision pack
- Autofocus and IP67 protection standard
- Interfaces for EtherNet/IP, ProfiNet I/O and RS232
- Configurable via downloadable software



^{*}For higher resolution (1.6MP, 3.2MP or higher) and different lens option of FHV7H bundles please contact Omron.

Smart Identification/Vision System with Panel PC

Bundle your FHV7H VIS Pack with an IPC

- Industrial 10.4" TFT SVGA LED panel
- Quad core Celeron® N2930 1.83GHz
- IP65 certified front panel protection
- WIN10 with FHV7H software preloaded

Туре	Specifications	Model	Price
FHV7H + IPC bundle	FHV7H VIS Pack + IPC (4GB RAM, 64 GB SSD, WIN 10 + FHV7H SW)	FHV7H IPC Pack	\$4,950.00

Micro Automation Packs

All devices powered by 24VDC with ethernet connectivity

Controller

CP Series 12 Inputs / 8 relay outputs

· Lifetime software license included



5-port Industrial Switch (unmanaged), wit	W4S1-05B	\$170.00		
NX1P2 Machine Automation Controller 14 Inputs / 10 PNP outputs, EtherCAT, EtherNet/IP	NA series, 7" 800 x 480 pixels 24 bit colours	SYSMAC Studio Lite Edition	NX1P2-9024DT1 NA5 SYSMAC	\$2,620.00
CP Series 24 Inputs / 16 relay outputs	16 bit colours		MICROPK3	\$1,154.00
CP Series 18 inputs / 12 relay outputs	320 x 234 pixeis	CX-One Lite	MICROPKZ	\$1,049.00

Colour Touch

Screen

NB series, 5.6"

Software

Remote Monitoring Starter Packs

Remote monitoring kit with SMS, Email, GPS & Remote Operation & Programming functionality. NX1P2 Pack also comes with MQTT protocol, the standard for IoT cloud integration. For ideal use in applications such as:

- Remote pump stations
- **Energy management**
- Automated gates & doors
- Tank or Silo level monitoring
- Remote alarming

For optional OMRON VPN Service ask your local OMRON Representative

Controller	Modem	Colour Touch Screen	Software	Model	Price
CP Series 12 Inputs / 8 relay outputs with Ethernet Comms	Intercel eSam 3G/4G, LAN, Serial, 2 x GPIO	NB series, 5.6" 320 x 234 pixels 16 bit colours	CX-One Lite	CP NB REMOTE KIT	\$975.00
NX1P2 Machine Automation Controller 14 Inputs / 10 PNP outputs, EtherCAT, EtherNet/IP	Intercel Ultra eSam 3G/4G, LAN, WAN/LAN, WIFI, Serial, 2 x GPIO	NA series, 7" 800 x 480 pixels 24 bit colours	SYSMAC Studio Lite Edition	NX1P2 NA5-7 REMOTE KIT	\$2,745.00











Automation Pack with IoT & Database Connection

Omron's high-end Machine Automation Controller pack

- OPC-UA for IoT application to support OEE visualisation
- 9 inch NA HMI and Sysmac Studio Lite software included
- Databases supported include SQL Server, MySQL, Oracle Database, DB2 for Linux, Firebird and PostgreSQL



Controller	Colour Touch	Software	Model	Price
NX102 Machine Automation Controller Database Connection CPU, OPC-UA, 2 x EtherNet/IP, EtherCAT, expandable up to 1024 I/O, 4 single axis motion (expandable), FSOE & CIP Safety supported	NA series, 9" 800 x 480 pixels 24 bit colours	SYSMAC Studio Lite Edition	NX102 NA5-9 DB IOT AUTO PACK	\$3,950.00

Variable Speed Drives

3G3MX2 Inverter

- Simple positioning and PID control
- Built-in STO Safety (Cat 3/PLd)
- Communication boards for most networks
- Modbus RTU or EtherCAT, EtherNet/IP option card



3G3RX2 Inverter

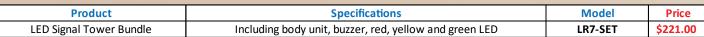
- High capacity drive, with EMC filter and colour display
- Triple power rating; and energy saving
- Built-in STO safety (Cat 4/PLe)
- Modbus RTU



Туре	Power	Inverter Model	Price	Filter Model	Price
	0.4kW	3G3MX2-AB004-V1	\$235.00	AX-FIM1010-SE-V1	\$22.00
1 Dhana 200V	0.75kW	3G3MX2-AB007-V1	\$250.00	AX-FIM1014-SE-V1	\$27.00
1 Phase 200V	1.5kW	3G3MX2-AB015-V1	\$275.00	AX-FIM1024-SE-V1	ć22.00
	2.2kW	3G3MX2-AB022-V1	\$425.00	AX-FIIVI1024-3E-V1	\$33.00
	0 41111 0 751111		400-00	AX-FIM3005-SE-V1 or	4.0.00
	0.4kW to 0.75kW	3G3MX2-A4007-V1	\$285.00	AX-FIM3005-SE-LL (low leakage)	\$43.00
	1.5kW	3G3MX2-A4015-V1	\$325.00	AV FINA2010 CF V/1	ĆE4 00
	2.2kW to 3.0kW	3G3MX2-A4030-V1	\$400.00	AX-FIM3010-SE-V1	\$54.00
3 Phase 400V	4.0kW	3G3MX2-A4040-V1	\$500.00	AX-FIM3014-SE-V1	\$59.00
	5.5kW	3G3MX2-A4055-V1	\$610.00	AX-FIM3030-SE-V1	\$70.00
	7.5kW	3G3MX2-A4075-V1	\$695.00	AX-FIIVI3030-3E-V1	
	11.0kW	3G3MX2-A4110-V1	\$950.00	AX-FIM3050-SE-V1	\$151.00
	15.0kW	3G3MX2-A4150-V1	\$1,200.00	AX-111013030-31-V1	\$131.00
	18.5kW	3G3RX2-A4185	\$1,500.00	Built-in EMC filter	-
	22kW	3G3RX2-A4220	\$1,800.00	Built-in EMC filter	-
2 Dhana 400V	30kW - 37kW	3G3RX2-A4370	\$2,700.00	Built-in EMC filter	-
3 Phase 400V	45kW - 55kW	3G3RX2-A4550	\$3,600.00	Built-in EMC filter	-
	75kW	3G3RX2-B4750	\$5,500.00	Built-in EMC filter	-
	90kW - 110kW	3G3RX2-B411K	\$8,000.00	Built-in EMC filter	-
Туре	Description			Model	Price
EtherCAT interface	For 3G3MX2 series of	For 3G3MX2 series only (Cannot be used with 3G3RX2 series)			\$165.00

Signal Tower Package

- Body unit, 90 dB buzzer, red, yellow and green LED
- IP65 LED signal tower
- Modular, 70mm diameter
- 24VDC, off white

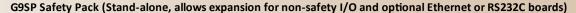




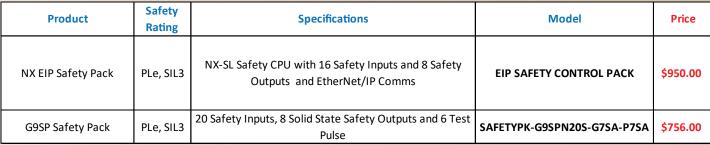
Programmable Safety Controller Packages

NX EIP Safety Pack (Expandable, stand-alone safety controller, with EtherNet/IP)

- NX-series EtherNet/IP Coupler (Programming and Communication)
- NX-SL3300 Safety CPU (allows expansion up to 256 safety I/O)
- 2 x NX-SID800 Input Module
- 2 x NX-SOD400 Output Module
- Sysmac Studio Safety Edition License



- G9SP-N20S + Software + 2 x G7SA-3A1B DC24 + 2 x P7SA-10F-ND
- Reconfigurable, flexible and simple





D4NS

- · Gold contacts, handle standard and micro loads
- Single or Dual M20 conduit entry
- Includes vertical mount operation key

Non Contact Safety Door Switches

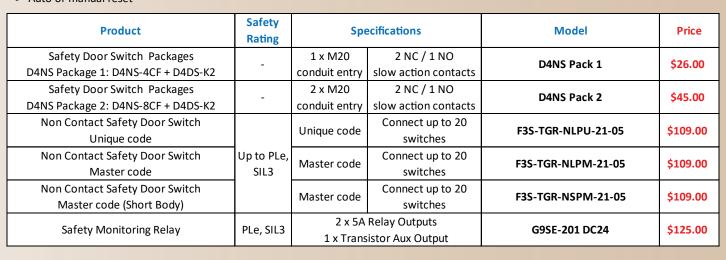
F3S-TGR

- RFID technology used, for greater tamper resistance
- Mechanically tolerant, accepts minor misalignment
- Option for master code (any key) or unique code (single key)

Safety Monitoring Relays

G9SE-201 DC24

- New, compact (17.5mm width) safety monitoring relay
- Single or dual channel inputs, with LED indications
- Auto or manual reset











Long Range 1.5m Diffuse Reflective Sensor Package E3AS

Long Range 1.5M Diffuse Reflective I/O Link Compatible Sensor

- High reliablity sensing technology based on Time of Flight Method
- Consistent stable detection irrelevant of colour and type of object material.
- IP69K, detergent resistance, great for use in F&B environment and conveyor applications
- Innovatively designed for area with restricted and confined space

Product	Specifications	Model	Price
E3AS-F1500IMT-M1TJ 0.3M M12 CABLE 5m	Diffused, 50-1500mm distance Settable, M12 QC, Antifouling Coating, IP69K; I/O Link 230.4 kbps	E3AS-F1500 QC 5M CBL PACK	\$195.00

Photoelectric Sensors

- Light-ON / Dark-ON selectable
- Compact size, simple installation
- Robust waterproof housing
- 10-30VDC, IP67/IP69K



E3JK

- Easy to wire and adjust
- Long sensing distances
- Visible spot beam
- Multi-voltage 24-240VAC/DC



Features	Sensing Method	Sensing Distance	Mod	Price	
reatures	Sensing Method	Sensing distance	NPN Output	PNP Output	Price
	Through-beam	20m	E3FA-TN21	E3FA-TP21	\$53.00
M12 Connector	Retro-reflective	0.1 to 4m (with E39-R1S)*	E3FA-RN21	E3FA-RP21	\$42.00
	Diffuse-reflective	300mm	E3FA-DN22	E3FA-DP22	\$42.00
	Through-beam	40m	E3JK-TR11 (Re	elay Output)	\$84.00
Pre-Wired (2m)	Retroreflective	9m (with E39-R1S)*	E3JK-RR11 (Re	elay Output)	\$74.00
Relay Output SPDT 3A	Retroreflective (MSR)	7m (with E39-R1S)*	E3JK-RR12 (Re	elay Output)	\$74.00
250VAC	Diffuse-reflective	2.5m	E3JK-DR11 (Re	elay Output)	\$68.00
	Diliuse-Tellective	300mm	E3JK-DR12 (Relay Output)		\$63.00

^{*} E39-R1S sold seperately, see Sensor Accessories section below

High Performance Transparent Sensors

E3S-DB

- Reliable transparent object detection
- New double-slit optic design improves stability

IPOSK, resistance to detergents certified by Ecolab							
Connection Method	Sensitivity Adjustment	Sensing Method	Sensing Distance	Output	Model	Price	
M12 Connector	Smart teaching	Retro-Reflective	500mm	PNP	E3S-DBP22	\$100.00	

Cylindrical Proximity Sensors

E2B

- DC 3-wire shielded model
- IP67 for high protection in wet environments
- M12 connector



Features	Size	Sensing Distance	Output	Model	Price
Brass, Thread Length:39mm	N/10	0,00,00	PNP	E2B-M18KS08-M1-B1	\$26.00
Operation Mode: Normally Open (NO)	M18	8mm	NPN	E2B-M18KS08-M1-C1	\$26.00

Sensor Accessories

Application	Description	Model	Price
D-florto.	For E3S-DB	E39-R21	\$21.00
Reflector	For E3FA & E3JK	E39-R1S	\$8.50
Mounting bracket	Side mounting for E3S-DB	E39-L193	\$9.50
M12 Connecting cable	Straight, 2m Four-wire	XS2F-M12PVC4S2M	\$8.50
	L-Shaped, 2m Four-wire	XS2F-M12PVC4A2M	\$8.50

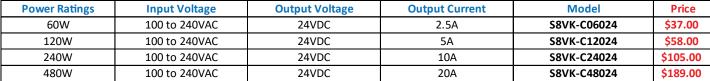


Switch Mode Power Supplies

S8VK-C

- Universal input for worldwide applications
- 100 to 240VAC
- Direct DC input possible: 90 to 350VDC
- Operation temperature range: -25 to 60°C
- Compact dimensions for small spaces
- · Easy DIN-rail mounting

Power Ratings	Input Voltage	Output Voltage	Output Current	Model	Price
60W	100 to 240VAC	24VDC	2.5A	S8VK-C06024	\$37.00
120W	100 to 240VAC	24VDC	5A	S8VK-C12024	\$58.00
240W	100 to 240VAC	24VDC	10A	S8VK-C24024	\$105.00
480W	100 to 240VAC	24VDC	20A	S8VK-C48024	\$189.00



Compact Switch Mode Power Supplies

S8VK-S

- · Push-in Plus terminals, PCB Conformal Coating
- Operation possible at ambient temperatures from -40 to 70°C
- DC input supported (90 to 350 VDC)
- Power Boost function at 120%
- 36% less in volume to achieve horizontal side-by-side mounting
- Vibration resistance to 5G, and 300-VAC abnormal input voltage supported for 1 second

Visitation resistance to 56, and 500 Vice abnormal input voltage supported for 1 second							
Power Ratings	Input Voltage	Output Voltage	Output Current	Model	Price		
60W	100 to 240VAC	24VDC	2.5A	S8VK-S06024	\$47.00		
120W	100 to 240VAC	24VDC	5A	S8VK-S12024	\$68.00		
240W	100 to 240VAC	24VDC	10A	S8VK-S24024	\$116.00		
480\\	100 to 240VAC	24\/DC	20Δ	\$8VK-\$48024	\$200.00		

Three-phase Input Power Supplies

- Accepts two or three phase AC source voltage
- Wide input range for worldwide applications
- High efficiency, 91% typical

Capacity	Input Voltage	Output Voltage	Output Current	Model	Price
120W	380 to 480VAC (2 or 3 phase) or 450	24VDC	5A	S8VK-T12024	\$100.00
240W	to 600VDC	24VDC	10A	S8VK-T24024	\$163.00

Digital Temperature Controller Packages

E5CC-800 - Screw terminals

- · Visibility improved by 15.2mm high, white PV display
- High-speed sampling at 50ms
- Short body with depth of only 60mm
- Independent heating/cooling PID loops
- Comes with K type Thermocouple with 2m lead

Control Output 1	Auxiliary Outputs	Power supply voltage	Model Controller	Model	Price
Relay	Two	100 to 240 VAC	E5CC-RX2ASM-800	E5CC STARTER PACK 1	\$152.00
Relay	Two	24 VAC/DC	E5CC-RX2DSM-800	E5CC STARTER PACK 2	\$152.00
Voltage	Two	100 to 240 VAC	E5CC-QX2ASM-800	E5CC STARTER PACK 3	\$152.00
Voltage	Two	24 VAC/DC	E5CC-OX2DSM-800	E5CC STARTER PACK 4	\$152.00







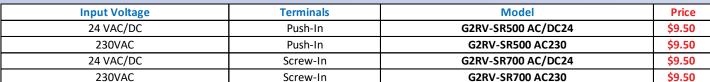


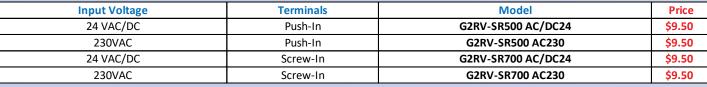


Slim I/O Relays

G2RV-SR

- Relay and base sold as one complete unit
- Mechanical indicator & integrated LED indicator on relay
- Downsize panels by 25% over previous Omron relays
- Push-in Plus terminals or screw type terminals





Slim Solid-state I/O Relays

G3RV-SR

- Relay and base sold as one complete unit
- Intergrated LED indicator on relay
- Downsize panels by 25% over previous Omron relays
- Push-in Plus terminals

Input Voltage	Load Type	Model	Price
24 VAC/DC	DC	G3RV-SR500-D AC/DC24	\$39.00
24 VAC/DC	AC	G3RV-SR500-A AC/DC24	\$39.00

Timers

H3DT & H3DS

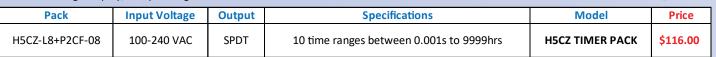
- Multiple time ranges and 8 operating modes let you cover a wide range of applications
- Start signal control for the H3DS-ML
- DIN rail mount, Only 17.5mm in width

Supply voltage	Time Range	Control Output	Model	Price
24 to 240 VAC/DC	0.1 sec to 1200 hours	DPDT (time-limit DPDT, or time-limit SPDT + instantaneous SPDT)	H3DT-N2	\$41.00
24 to 230 VAC 24 to 48 VDC	0.1 sec to 120 hours	Contact output, SPDT (timed output)	H3DS-ML	\$41.00

Digital Timer

H5CZ-L8

- Panel or DIN mount
- 8 pin plug-in
- Timer: 4 digit display, 15 operating modes



(panel mount adaptor sold separately)











22mm Pushbutton Switches

- Assembled models 24VAC/DC
- IP66 rated



Туре	Illuminated	Contacts	Colour	Model	Price
	Non illuminated	1 N/O	Green	A22NN-RNM-NGA-G100-NN	\$11.00
Push button, metal bezel, flat type,		1 N/O	Red	A22NN-RNM-NRA-G100-NN	\$11.00
momentary	Illuminated	1 N/O	Green	A22NL-RNM-TGA-G100-GC	\$16.00
		1 N/O	Red	A22NL-RNM-TRA-G100-RC	\$16.00
Indicator,	-	-	Green	M22N-BC-TGA-GC	\$11.00
Plastic flat engraved shape			Red	M22N-BC-TRA-RC	\$11.00

Digital Meters

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- Multi-range inputs, depending on model
- Large, high visibility LED display
- Programmable display colours
- Scaling function



Meter Type	Input Signal	Output Type	Model	Price
Process	Process 4 to 20 mA, 4 to 20 mA, 0 to 5 V, -5 to +5 V, -10 to +10 V	2 Relays	K3MA-J-A2 100-240VAC	\$70.00
Process			K3MA-J-A2 24VAC/VDC	\$70.00
Fra successi / Data	NPN or PNP		K3MA-F-A2 100-240VAC	\$80.00
Frequency/Rate 0.05 to 30 Hz OR 0.0	0.05 to 30 Hz OR 0.05 to 5 kHz		K3MA-F-A2 24VAC/VDC	\$80.00

Disclaimer:

All prices are in AUD excluding GST, while stocks last.

Omron reserve the right to end the promotion at anytime without notice



Old Bundles in FY20 Promo

Name	INCLUDES
MICROPK1	Includes CP1L-EL20DR-D PLC 20I/O with Ethernet; NB5 5.6" colour HMI with Ethernet (NB5Q-TW01B); and CX-One Lite Programming Suite (CXONE-LT01D-V4).
MICROPK2	Includes CP1L-EM30DR-D PLC 30I/O with Ethernet; NB5 5.6" colour HMI with Ethernet (NB5Q-TW01B); and CX-One Lite Programming Suite (CXONE-LT01D-V4).
MICROPK3	Includes CP1L-EM40DR-D PLC 40I/O with Ethernet; NB5 5.6" colour HMI with Ethernet (NB5Q-TW01B); and CX-One Lite Programming Suite (CXONE-LT01D-V4).
NX1P2-9024DT1 NA5 SYSMAC	Includes NX1P2-9024DT1 MAC + NA5-7W001B 7" HMI + SYSMAC STUDIO LITE
LR7-SET	Includes body unit 70mm, Direct-Mount, Terminals, 24V, Off White LR7-02WTNW; buzzer unit LR7-BW; red unit LR7-E-R; yellow unit LR7-E-Y; and green unit LR7-E-G.
SAFETYPK-G9SPN20S-G7SA-P7SA	Includes G9SP-N20S Controller which has 20 safety inputs, 8 safety outputs with 6 test pulses. 2 x G7SA-3A1B DC24 Relays, 2 x P7SA-10F-ND DC24 Bases.
D4NS Pack 1	Includes D4NS-4CF + D4DS-K2, Safety door switch, 1 x M20 entry, 2N/C / 1N/O slow action contacts plus vertical mount operation key.
D4NS Pack 2	Includes D4NS-8CF + D4DS-K2, Safety door switch, 2 x M20 entry, 2N/C / 1N/O slow action contacts plus vertical mount operation key.
ESCC STARTER PACK 1	Includes E5CC-RX2ASM-800 with screw-in terminals, 48X48mm, relay control ouptut, 2 auxiliary outputs, supply voltage 100-240VAC. Supplied with TC05K015050 2M PVC which is a K type thermocouple with 2m lead.
ESCC STARTER PACK 2	Includes E5CC-RX2DSM-800 with screw-in terminals, 48X48mm, relay control ouptut, 2 auxiliary outputs, supply voltage 24VAC/DC. Supplied with TC05K015050 2M PVC which is a K type thermocouple with 2m lead.
E5CC STARTER PACK 3	Includes E5CC-QX2ASM-800 with screw-in terminals, 48X48mm, voltage control ouptut, 2 auxiliary outputs, supply voltage 100-240VAC. Supplied with TC05K015050 2M PVC which is a K type thermocouple with 2m lead.
E5CC STARTER PACK 4	Includes E5CC-QX2DSM-800 with screw-in terminals, 48X48mm, voltage control ouptut, 2 auxiliary outputs, supply voltage 24VAC/DC. Supplied with TC05K015050 2M PVC which is a K type thermocouple with 2m lead.
H5CZ TIMER PACK	Includes 1x H5CZ-L8 8pin plug in timer with 15 operating modes and 1x P2CF-08 dinrail base.
FHV7H VIS Pack	Includes FHV7H-C004-S09-W: FHV7 camera- 0.4MP- colour with 9mm liquid zoom lens- white LEDs and FHV7-VNB Ethernet 2m Cable.
FHV7H IPC Pack	Includes FHV7H-C004-S09-W: FHV7 camera- 0.4MP- colour with 9mm liquid zoom lens- white LEDs; FHV-VNB Ethernet 2m Cable; PPC-3100S-OMR: Touch panel monitor; 96PSA-A90W19OT-3: Desktop AC Adapters A/D 100-240V 90W 19V C6 TERMINAL 2 PIN 62368; and 1700000596-11: Power cord (China) CCC,10A 250V, 3P 1.83 M
CP2 NB REMOTE KIT	Includes CP2E-N20DR-D PLC with 12 Inputs and 8 Relay Outputs with Ethernet Comms; ASSESAM4QX: Intercel eSam 3G/4G, LAN, Serial, 2 x GPIO; NB5Q-TW01B NB5 5.6" colour HMI with Ethernet; and CXONE-LT01D-V4 CX-One Lite Programming Suite.
NX1P2 NA5-7 REMOTE KIT	Includes NX1P2-9024DT1 14 Inputs / 10 PNP outputs, EtherCAT, Ethernet IP; ASSULTRAESAM4QX Intercel Ultra eSam 3G/4G, LAN, WAN/LAN, WIFI, Serial, 2 x GPIO; NA5-7W001B NA series, 7" 800 x 480 pixels, 24 bit colour; and SYSMAC-LE201L SYSMAC Studio Lite Edition
NX102 NA5-9 DB IOT AUTO PACK	Includes: NX102-9020 Controller, Database Connection CPU, OPC-UA, 2 x Ethernet IP, EtherCAT, expandable up to 1024 I/O, 4 single axis motion (expandable), FSoE & CIP Safety supported; NA5-9W001B NA series, 9" 800 x 480 pixels, 24 bit colours; and SYSMAC-LE201L: SYSMAC Studio Lite Edition
EIP Safety Control Pack	Includes: NX-SL3300 VER1.1 Safety CPU, Max 256 I/O, Program Capacity 512KB, 32 safety cards max; NX-EIC202 NX Ethernet/IP coupler unit, max 10A supply current; NX-SID800 Safety 8 point Input Card; NX-SOD400 Safety 4 point Output Card, PNP outputs, 0.5A /point and 2.0A / unit; and SYSMAC-FE001L Sysmac Studio Safety Edition License.
E3AS-F1500 QC 5M CBL PACK	Includes E3AS-F1500IMT-M1TJ 0.3M 50-100mm distance settable M12 QC, Antifouling Coating, IP69K, I/O Link 230.4kbps; and XS5F-D421-G80-F Single-end connector cable, emitter/receiver cable, M12 connector, 4-Pin, 5-mtr, gray sheating, straight connector and fly lead on other end.