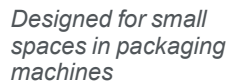


Panorama 2025



Telemecanique Sensors

Simply easy!™

Founded over 100 years ago, Telemecanique Sensors is specialized in sensors and sensor-related technology.

As a global leader in the sensors business, we help our customers select the right technology to get the best performance and reliability from their machines.

Focused on 3 core values – **Simplicity, Proximity and Expertise** – we have become experts in factory automation sensors as well as specialists in demanding applications, making our customers' lives "Simply easy!"

Visit our website and discover our full offer on www.telemecaniquesensors.com

Telemecanique Sensors presents an expanded XU range of application photo-electric sensors to be embedded in automated lines for the packaging market segment.

With their diverse technical characteristics, high performance and smart management capabilities, they are designed to address a wide scope of specific needs.

Sensor family per application

- > Marking detection
- > Very dark and light-absorbing object detection
- > Accurate detection
- > Colour object detection, from simple colour to very complex colour sorting
- > Transparent object detection, with or without reflector



Five light spots

Choose the casing, connection type and size

- > Plastic or metal casing
- > Pre-cabled, with pigtail or connector
- > Miniature, sub-miniature and compact size



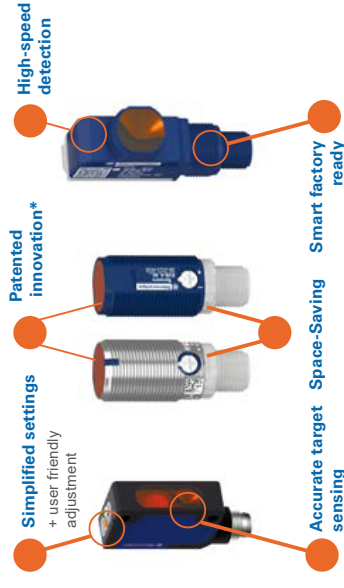
Smart devices communicate via IO-Link protocol

- > Install your new IO-Link sensor easily: automatic reading of the device identification file (IODD) and automatic detection of the sensor output mode
- > Automated parameter settings: configure the detection parameters
- > Extended diagnostics, with real-time information for optimised usage and maintenance

Enable smart sensors functions through IO-Link



SPOTLIGHT: Photoelectric sensors XUM XUB XUN



*Small reflector placed on "thru beam" sensors, reaching up to 30m, enabling the user to align the sensors in less than 4 minutes (compared to 15 minutes previously). This reduces installation time by a factor of 3!

Pressure switches: XM Range

Pressure switches: XM Range				Choose : 1 > 2 > 3 > 4 >				Reference
				Family				
				Fluids & pressure				
				Output type				
				Electrical connection				
				Fluid connection				
				0...10 V				0.5...4.5 V
				4...20 mA				
				Analog output				

ZMLP Display and switch M12 4 pin (male)	PNP		Only usable with 4-20mA analog output XMLP electronic transmitter	Horizontal plan		Vertical plan or pipe	
				XMLPZLH01		XMLPZLV01	
				Quick mounting bracket			

Cabling XM		Connectors (female)		PUR pre-wired connectors (female) (3)		PUR Jumper cables	
M12		straight	elbowed	straight	elbowed	straight	elbowed
(1)	4 pin	XZCPC12FDM06B	XZCPC12FCM06B	XZCP114L1L2	XZCP1340L2	M12 (female)	
(2)	4 pin	XZCPC12FDM06B	XZCPC12FCM06B	XZCP114L1L5	XZCP1340L5	M12 (male)	
(1)	5 pin	XZCPC12FDM06B	XZCPC12FCM06B	XZCP114L1L10	XZCP1340L10	4 pin	

(3) For a PVC cable, add the letter V after the P. Example: XZCPV114L1L10

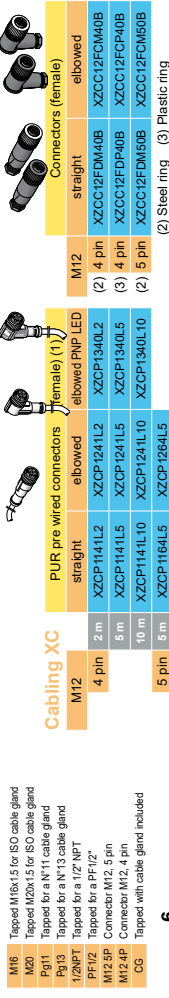
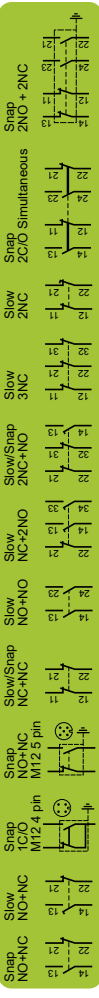
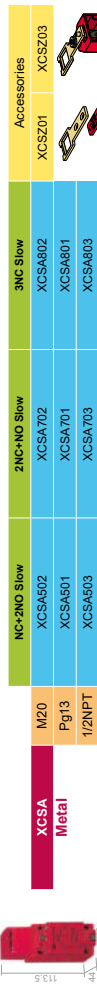
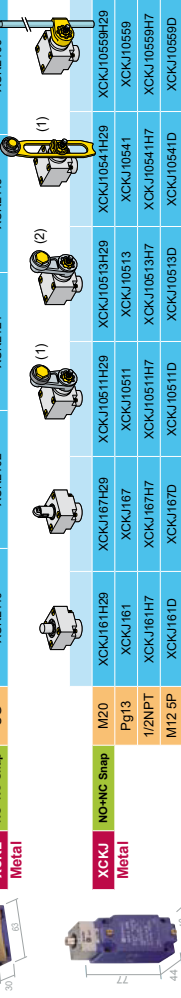
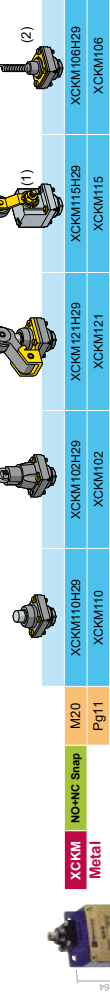
(1) Steel ring
(2) Plastic ring

Pressure switches: XM Range

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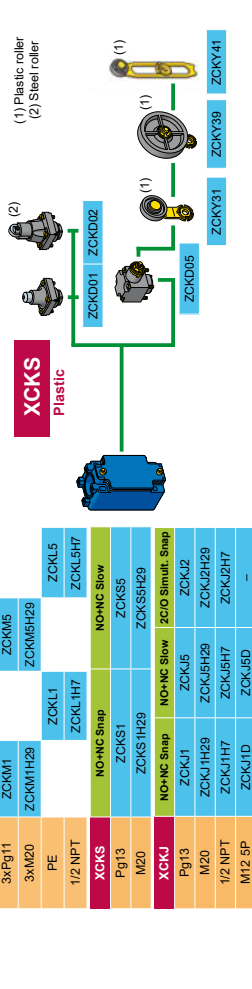
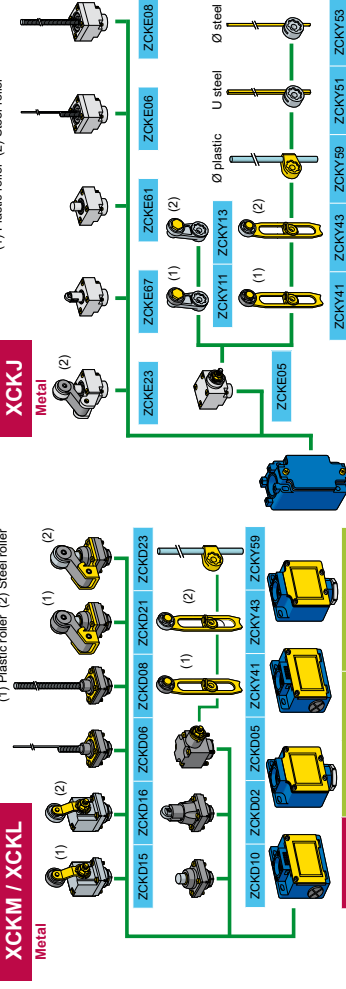
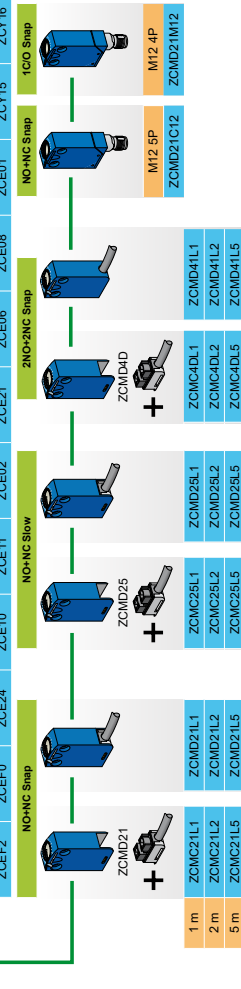
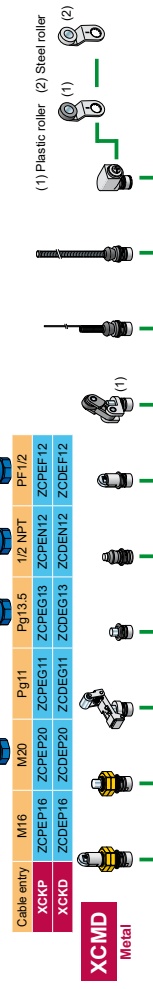
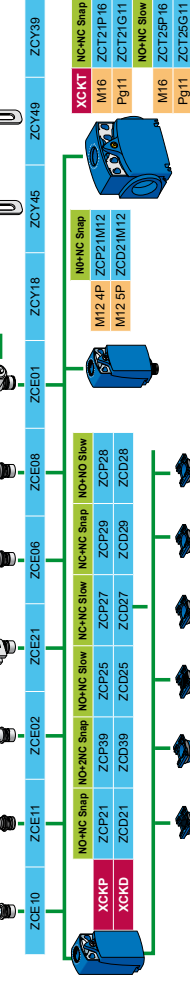
Cabling XM		Connectors (female)		PUR pre-wired connectors (female) (3)			PUR Jumper cables		
	M12	straight	elbowed	M12	straight	elbowed	M12 (female)	straight	elbowed
(1)	4 pin	XZCQ-1P2FM40B	XZCQ-1P2FM40B	4 pin	XZCP-1414L2	XZCP-1241L2	M12 (male)	straight	elbowed
(2)	4 pin	XZCQ-1P2FM41B	XZCQ-1P2FM41B	5 m	XZCP-1414L5	XZCP-1241L5	4 pin	straight	straight
(3)	5 pin	XZCQ-1P2FM50B	XZCQ-1P2FM50B	10 m	XZCP-1414L10	XZCP-1241L10			
(1) Steel ring (2) Plastic ring (3) For a PVC cable, add the letter V after the P. Example: XZCP-V1241L10C2. XZCQ-V1241L10C2. XZCQ-V1241L10C2.									

Limit switches: XC Range



(1) For a PVC cable add the letter V after the P Example: X7CP..... become X7CPV.....

Limit switches: XC Range

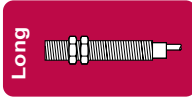


Inductives: XS Range

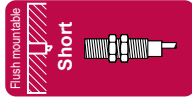
Choose : **1** > **2** > **3** > **4** >
Body size Output type Connection Output function
Sensing distance



		M8		M12	
	Sensing distance	1.5 mm	2.5 mm	2 mm	4 mm
DC3	PNP	XS508B1PA L2	XS108B3PA L2	XS512B1PA L2	XS112B3P L2
	connector	XS508B1PA M8	XS108B3PA M8	XS512B1PA M12	XS112B3P M12
	cable	XS508B1NA L2	XS108B3NA L2	XS512B1NA L2	XS112B3N L2
DC2	PNP	XS508B1NA M8	XS108B3NA M8	XS512B1NA M12	XS112B3N M12
	connector	XS508B1NA L2	XS108B3NA L2	XS512B1NA L2	XS112B3N L2
	cable	XS508B1NA M8	XS108B3NA M8	XS512B1NA M12	XS112B3N M12
DC3	PNP	XS508B3CA L2	XS608B3CA L2	XS512B3D L2	XS612B3D L2
	connector	XS508B3CA L01M12	XS608B3CA L01M12	XS512B3D M12	XS612B3D M12
	cable	XS508B3CA L2	XS608B3CA L2	XS512B3D L2	XS612B3D L2
DC3	PNP	XS508B1PA L2	XS108B3PA L2	XS512B1PA L2	XS112B3P L2
	connector	XS508B1PA M12	XS108B3PA M12	XS512B1PA M12	XS112B3P M12
	cable	XS508B1NA L2	XS108B3NA L2	XS512B1NA L2	XS112B3N L2
DC2	PNP	XS508B1NA M12	XS108B3NA M12	XS512B1NA M12	XS112B3N M12
	connector	XS508B1NA L2	XS108B3NA L2	XS512B1NA L2	XS112B3N L2
	cable	XS508B1NA M12	XS108B3NA M12	XS512B1NA M12	XS112B3N M12
AC/DC	PNP	XS508B1DA L2	XS608B1DA L2	XS512B1D L2	XS612B1D L2
	connector	XS508B1DA M12	XS608B1DA M12	XS512B1D M12	XS612B1D M12
	cable	XS508B1DA L2	XS608B1DA L2	XS512B1D L2	XS612B1D L2
Output function	NO	—	A	A	A
	NC	—	B	B	B
	NO + NC	—	C	(short only)	C



		M8		M12	
	Sensing distance	1.5 mm	2.5 mm	2 mm	4 mm
DC3	PNP	XS508B1PA L2	XS108B3PA L2	XS512B1PA L2	XS112B3P L2
	connector	XS508B1PA M8	XS108B3PA M8	XS512B1PA M12	XS112B3P M12
	cable	XS508B1NA L2	XS108B3NA L2	XS512B1NA L2	XS112B3N L2
DC2	PNP	XS508B1NA M8	XS108B3NA M8	XS512B1NA M12	XS112B3N M12
	connector	XS508B1NA L2	XS108B3NA L2	XS512B1NA L2	XS112B3N L2
	cable	XS508B1NA M12	XS108B3NA M12	XS512B1NA M12	XS112B3N M12
AC/DC	PNP	XS508B1DA L2	XS608B1DA L2	XS512B1D L2	XS612B1D L2
	connector	XS508B1DA M12	XS608B1DA M12	XS512B1D M12	XS612B1D M12
	cable	XS508B1DA L2	XS608B1DA L2	XS512B1D L2	XS612B1D L2
Output function	NO	—	A	A	A
	NC	—	B	B	B
	NO + NC	—	C	(short only)	C



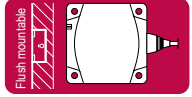
		M18		M30	
	Sensing distance	5 mm	8 mm	10 mm	15 mm
DC3	PNP	XS118B1PA L2	XS118B3PA L2	XS130B1PA L2	XS130B3PA L2
	connector	XS118B1PA M12	XS118B3PA M12	XS130B1PA M12	XS130B3PA M12
	cable	XS118B1NA L2	XS118B3NA L2	XS130B1NA L2	XS130B3NA L2
DC2	PNP	XS118B1NA M12	XS118B3NA M12	XS130B1NA M12	XS130B3NA M12
	connector	XS118B1NA L2	XS118B3NA L2	XS130B1NA L2	XS130B3NA L2
	cable	XS118B1NA M12	XS118B3NA M12	XS130B1NA M12	XS130B3NA M12
DC3	PNP	XS118B1PA L2	XS118B3PA L2	XS130B1PA L2	XS130B3PA L2
	connector	XS118B1PA M12	XS118B3PA M12	XS130B1PA M12	XS130B3PA M12
	cable	XS118B1NA L2	XS118B3NA L2	XS130B1NA L2	XS130B3NA L2
DC2	PNP	XS118B1NA M12	XS118B3NA M12	XS130B1NA M12	XS130B3NA M12
	connector	XS118B1NA L2	XS118B3NA L2	XS130B1NA L2	XS130B3NA L2
	cable	XS118B1NA M12	XS118B3NA M12	XS130B1NA M12	XS130B3NA M12
AC/DC	PNP	XS118B1DA L2	XS118B3DA L2	XS130B1DA L2	XS130B3DA L2
	connector	XS118B1DA M12	XS118B3DA M12	XS130B1DA M12	XS130B3DA M12
	cable	XS118B1DA L2	XS118B3DA L2	XS130B1DA L2	XS130B3DA L2
Output function	NO	—	A	A	A
	NC	—	B	B	B
	NO + NC	—	C	(short only)	C



		D4		M5	
	Sensing distance	0.8 mm	1.5 mm	0.8 mm	1.5 mm
DC3	PNP	XS504R1PA L2	XS604R1PA L2	XS505R1PA L2	XS605R1PA L2
	connector	XS504R1PA M08	XS604R1PA M08	XS505R1PA M08	XS605R1PA M08
	cable	XS504R1NA L2	XS604R1NA L2	XS505R1NA L2	XS605R1NA L2
DC2	PNP	XS504R1NA M08	XS604R1NA M08	XS505R1NA M08	XS605R1NA M08
	connector	XS504R1NA L2	XS604R1NA L2	XS505R1NA L2	XS605R1NA L2
	cable	XS504R1NA M08	XS604R1NA M08	XS505R1NA M08	XS605R1NA M08
Output function	NO	—	A	A	A
	NC	—	B	B	B
	NO + NC	—	C	(short only)	C

XS Miniature

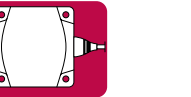
Inductives: XS Range



		U 8x22x8 mm		U 15x32x8 mm		U 26x26x13 mm		U 40x40x15 mm	
	Sensing distance	2.5 mm	5 mm	10 mm	15 mm	10 mm	15 mm	20 mm	25 mm
DC3	PNP	XS7J1A1PA L2	XS7F1A1PA L2	XS7J1A1PA L2	XS7F1A1PA L2	XS7E1A1PA L2	XS7C1A1PA L2	XS7E1A1PA L2	XS7C1A1PA L2
	connector	XS7J1A1PA L01M8	XS7F1A1PA L01M8	XS7J1A1PA L2	XS7F1A1PA L2	XS7E1A1PA L2	XS7C1A1PA L2	XS7E1A1PA L2	XS7C1A1PA L2
	cable	XS7J1A1NA L2	XS7F1A1NA L2	XS7J1A1NA L2	XS7F1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2
DC2	PNP	XS7J1A1NA M8	XS7F1A1NA M8	XS7J1A1NA L2	XS7F1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2
	connector	XS7J1A1NA L2	XS7F1A1NA L2	XS7J1A1NA L2	XS7F1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2
	cable	XS7J1A1NA M8	XS7F1A1NA M8	XS7J1A1NA L2	XS7F1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2	XS7E1A1NA L2	XS7C1A1NA L2
AC/DC	PNP	XS7J1A1DA L2	XS7F1A1DA L2	XS7J1A1DA L2	XS7F1A1DA L2	XS7E1A1DA L2	XS7C1A1DA L2	XS7E1A1DA L2	XS7C1A1DA L2
	connector	XS7J1A1DA L01M8	XS7F1A1DA L01M8	XS7J1A1DA L2	XS7F1A1DA L2	XS7E1A1DA L2	XS7C1A1DA L2	XS7E1A1DA L2	XS7C1A1DA L2
	cable	XS7J1A1DA M8	XS7F1A1DA M8	XS7J1A1DA L2	XS7F1A1DA L2	XS7E1A1DA L2	XS7C1A1DA L2	XS7E1A1DA L2	XS7C1A1DA L2
Output function	NO	—	A	A	A	A	A	A	A
	NC	—	B	B	B	B	B	B	B
	NO + NC	—	C	C	C	C	C	C	C



		U 40x40x117 mm		U 80x80x26 mm		U 40x80x26 mm	
	Sensing distance	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm
DC3	PNP	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2
	connector	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12
	cable	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
DC2	PNP	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
	connector	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
	cable	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
AC/DC	PNP	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2
	connector	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
	cable	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
Output function	NO	—	A	A	A	A	A
	NC	—	B	B	B	B	B
	NO + NC	—	C	C	C	C	C



		U 40x40x117 mm		U 80x80x26 mm		U 40x80x26 mm	
	Sensing distance	40 mm	60 mm	40 mm	60 mm	40 mm	60 mm
DC3	PNP	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2
	connector	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12
	cable	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
DC2	PNP	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
	connector	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
	cable	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
AC/DC	PNP	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2
	connector	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
	cable	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
Output function	NO	—	A	A	A	A	A
	NC	—	B	B	B	B	B
	NO + NC	—	C	C	C	C	C

Rotation monitoring: XSAV Range

Choose : **1** > **2** >
Speed Output Type

		Low Speed		High Speed	
	Sensing distance	10 mm	10 mm	10 mm	10 mm
DC3-PNP	PNP	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2
	connector	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12
	cable	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
DC3-PNP	PNP	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
	connector	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
	cable	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
AC/DC	PNP	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2
	connector	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
	cable	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
Output function	NO	—	A	A	A
	NC	—	B	B	B
	NO + NC	—	C	C	C

Cabling XS

		M12		M30	
	Sensing distance	4 mm	10 mm	4 mm	10 mm
DC3	PNP	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2	XS7D1A1PA L2
	connector	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12	XS7D1A1PA M12
	cable	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
DC2	PNP	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
	connector	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2	XS7D1A1NA L2
	cable	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12	XS7D1A1NA M12
AC/DC	PNP	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2	XS7D1A1DA L2
	connector	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
	cable	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12	XS7D1A1DA M12
Output function	NO	—	A	A	A
	NC	—	B	B	B
	NO + NC	—	C	C	C

XU miniature, cylindrical and hybrid model

(1) = Straight
(2) = Angled

DC3 24 V

AC/DC Relay 24...240 V

Connectors (female)		
straight	elbowed	
		XZCC12FDM40B
		XZCC12FCM40B
		XZCC12FDP40B
		XZCC12FCP40B

(2) Steel ring (3) Plastic ring

(1) For a PVC cable, add the letter V after the P. Example: XZCPppppppp become XZCPVppppppp

Continuum (a) Continuum (b)

Photo-electrics applicative

Accessories

Body size & system

Choose

4
^
3
^
2
^
1

Reference

1

Output	Output function:	Connection:
Sensing distance	wires: DC4	NPN or PNP Cable or connector

Color sensors

Color Mark Reader

Transparent

Laser

BSG Blue Light

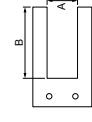
12

12

(1) WH 2 connected to (+) : External Teach-in

13

Forks: XUV Range

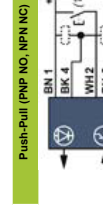


**Cabling XX
& XUV**



		A: 50 mm / B: 60 mm		A: 80 mm / B: 60 mm		A: 120 mm / B: 120 mm		A: 180 mm / B: 120 mm			
DC3	PNP	M8 3 pin	XUVR060SP	A NM8	XUVR060PA	NM8	XUVR1212P	NM8	XUVR1218P	NM8	
	NPN	M8 3 pin	XUVR060SN	A NM8	XUVR060SA	NM8	XUVR1212N	NM8	XUVR1218N	NM8	
Output function		NO		A	A		A		A		
		NC		B	B		B		B		
				PUR pre wired connectors (female) (1)		M12		straight		Connectors (female)	
M8	3 pin	2 m	XZCP0566L2	XZCP0686L2	(2)	4 pin	XZCC12FDMA0B	XZCC12FCMA0B	elbowed		  
	5 m	5 m	XZCP0566L5	XZCP0686L5	(3)	4 pin	XZCC12FDPA0B	XZCC12FCPA0B			
	10 m	10 m	XZCP0566L10	XZCP0686L10					(2) Steel ring (3) Plastic ring		
	4 pin	2 m	XZCP0941L2	XZCP1041L2							
	5 m	5 m	XZCP0941L5	XZCP1041L5							
M12	10 m	10 m	XZCP0941L10	XZCP1041L10							 
	2 m	2 m	XZCP1141L2	XZCP1241L2	M12	straight	Connectors (male)				
	4 pin	4 pin	XZCP1241L5	XZCP1340L2							
M8	3 pin	5 m	XZCP1141L5	XZCP1340L5	4 pin	4 pin	XZCC12MDMA0B	XZCC12MCM0B	elbowed		 
	10 m	10 m	XZCP1141L10	XZCP1340L10	5 pin	5 pin	XZCC12MDM50B	XZCC12MCM50B			
	2 m	2 m	XZCP1241L2	XZCP1340L2							

(1) For a PVC cable, add the letter V after the P. Example: XZCP..... become XZCPV.....



12

(1) WH 2 connected to (+) : External Teach-in

13

Ultrasonics: XX Range

Choose : **1** > **2** > **3** > **4** >

Body size
Mounting type
Output function
Output type
Connection
Reference

Sensing distance		M12		M18		M18 plastic (2)		M18 brass (2)		M18 stainless (2)		M18 metal	
Connectors/Cables		M8 4 pin	M8 3 pin	0.5 m	0.15 m	1 m Adjust. (1)	1 m Adjust. (1)	1 m Adjust. (1)	1 m Adjust. (1)	1 m Adjust. (1)	1 m Adjust. (1)	0.05 m	
NO		DC4	PNP/NPN	XXG12A1KAM8	XXG12A1KAM8	XXG12A2PAM8	XXG12A2PAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXV18B1PAM12	
NO or NC		DC3	PNP	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXV18B1NAM12	
Analog		4...20 mA	PNP	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXV18B1NAM12	
		0...10 V	PNP	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXV18B1NAM12	

(1) Adjustable with XXZPB100

RFID Systems: XG Range

Choose : **1** > **2** > **3** > **4** >

Mounting type
Dimensions
Body type
Output function
Connection
Reference

Sensing distance		Compact 40x40mm		Modbus RTU		Modbus TCP & Ethernet/IP	
Connectors/Cables		M8 4 pin	M8 3 pin	0.5 m	0.15 m	1 m Adjust. (1)	1 m Adjust. (1)
NO		DC4	PNP/NPN	XXG12A1KAM8	XXG12A1KAM8	XXG12A2PAM8	XXG12A2PAM8
NO or NC		DC3	PNP	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8
Analog		4...20 mA	PNP	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8
		0...10 V	PNP	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8	XXG12A3NAM8

(1) Adjustable with XXZPB100

(1) Adjustable with XXZPB100

(2) Configurable with XXZBOX01 by software

S = straight A = angled

Sensing distance		M30 plastic (2)		M30 Brass (2)		M30 Stainless (2)	
Connectors		1 m Adjust. (1)	2 m Adjust. (1)	4 m Adjust. (1)	8 m Adjust. (1)	1 m Adjust. (1)	2 m Adjust. (1)
DC3		M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin
NO or NC		XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12
Analog		4...20mA	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12
		0...10V	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12
Analog		4...20mA + PNP	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12
or NC		0...10V + PNP	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12	XXG30P1PM12

(1) Adjustable with XXZPB100 (2) Configurable with XXZBOX01 by software (3) Push-button integrated on the product S = straight A = angled

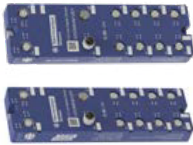
Choose : **1** > **2** > **3** > **4** >

Body size
Mounting type
Output function
Output type
Connection
Reference

Sensing distance		Flat 7.6x19x33		Flat 16x30x74		Flat 60x30x18 - M18	
Connectors		M12 4 pin	M12 4 pin	M12 4 pin	M12 4 pin	M12 4 pin	M12 4 pin
NO		DC3	PNP	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12
Analog		4...20 mA	PNP	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12
		0...10 V	PNP	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12	XXG7F1A2PAL01M12

(1) Adjustable with XXZPB100

Note: For our complete range of sensor solutions, visit www.tesensors.com



IO-Link Master devices	Reference	Protocol	Supply voltage	Number of ports	Port size	Temperature range (°C) / Degree of protection	Product certification
		EtherNet/IP ProfNet	18...31,2 VDC	8 class A	M12		
	XZ10M8AM12EY					-25...+70 / IP67	CE - UKCA (1)
	XZ10M8AM12PY						

(1) cULus coming soon



Power cables	Reference	Type of connector	End fittings	Length (m)	
		Female	5-pin (1+FE)	2	1,5 mm ²
	XZCPK75DL2			5	1,5 mm ²
	XZCPK75DL5			2	1,5 mm ²
	XZCPK75CL2	Male/Female	M12 5-pin/M12 5-pin	5	1,5 mm ²
	XZCR28K25DL2			2	1,5 mm ²
	XZCR28K25DL5			5	1,5 mm ²
	XZCR28K26CL2			2	1,5 mm ²
	XZCR28K26CL5			5	1,5 mm ²



Communication cables	Reference	Type of connector	Length (m)	
		M12 D-coded to RJ45, straight/straight	3	
	XGSZ12E4603		10	
	XGSZ12E4610		3	
	XGSZ22E4603	Jumper M12/RJ45, straight/elbowed	10	
	XGSZ22E4610			



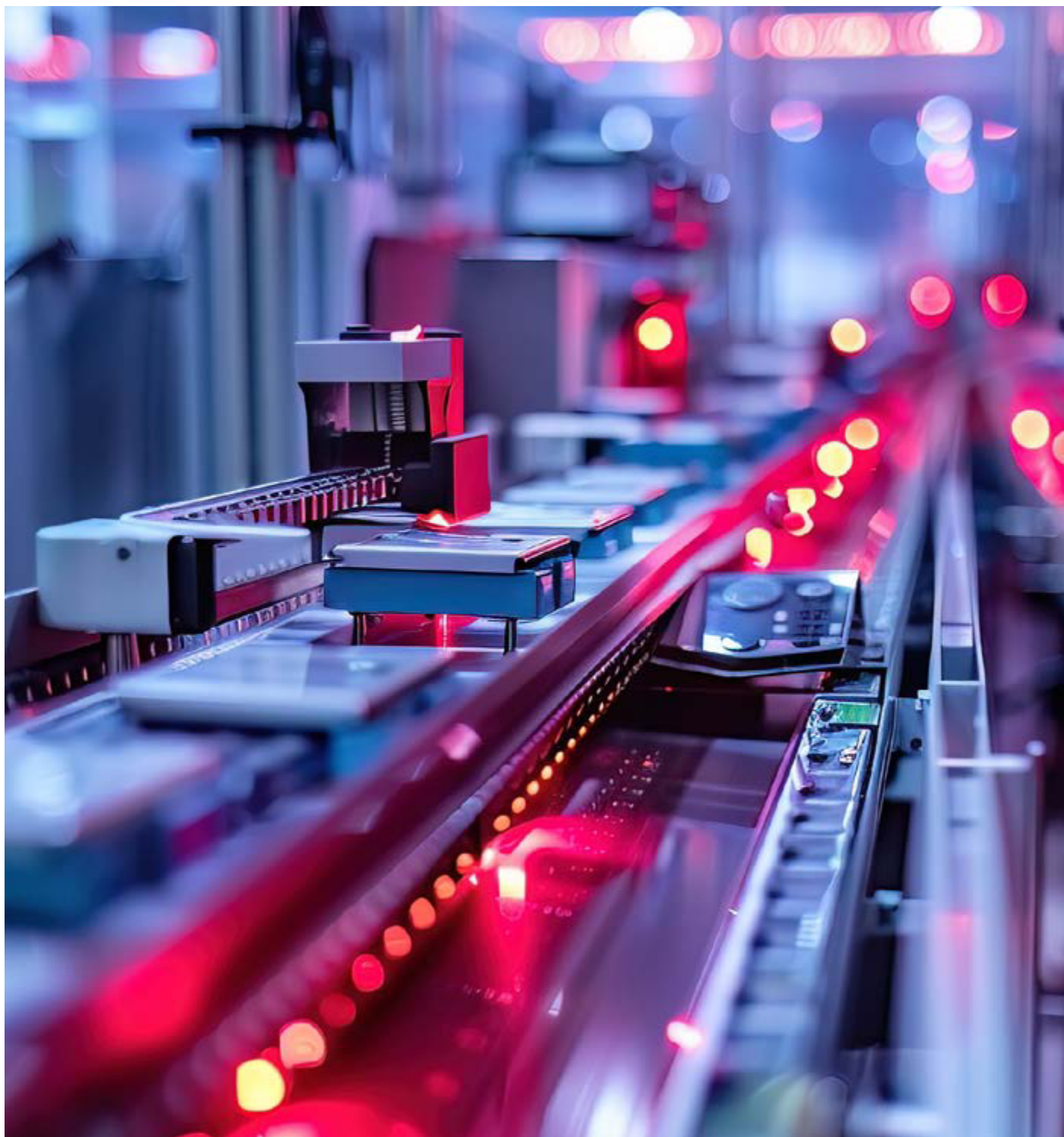
T-connector	Reference	Type of connector	End fittings
		1 Male/2 Female	M12 5-pin/M12 5-pin
	TCSTN01M11F		

NOTES

[illegible]

NOTES

[illegible]



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