

Telemecanique Sensors

Detection components

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



Laser



Red light



White light



Blue light

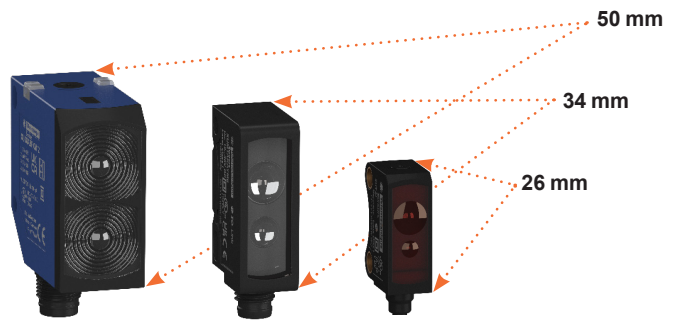


RGB

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



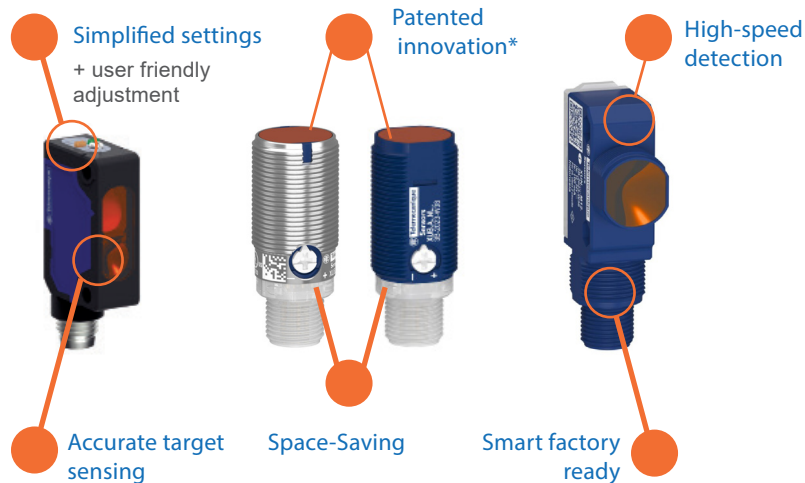
Enable smart sensors
functions through IO-Link



Smart devices communicate via IO-Link protocol

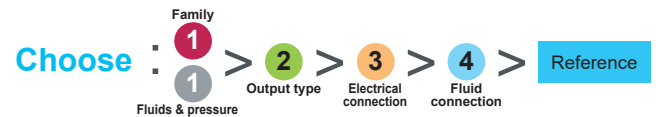
- > Install your new IO-Link sensor easily: automatic reading of the device identification file (IODD) and automatic detection of the sensor output mode
- > Automated parameter settings: configure the detection parameters
- > Extended diagnostics, with real-time information for optimised usage and maintenance

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



XMLP Electronic transmitter M12 4 pin (male)	Hydraulic oils, air, fresh water		Analog output		
	-30...+85° C		4...20 mA	0...10 V	0.5...4.5 V
	Bar	psi			
	-1	-14.5	XMLPM00GD21F	XMLPM00GD71F	XMLPM00GD11F
	1	14.5	XMLP001GD21F	XMLP001GD71F	XMLP001GD11F
	6	87	XMLP006GD21F	XMLP006GD71F	XMLP006GD11F
	10	145	XMLP010BD21F	XMLP010BD71F	XMLP010BD11F
	16	232	XMLP016BD21F	XMLP016BD71F	XMLP016BD11F
	25	362	XMLP025BD21F	XMLP025BD71F	XMLP025BD11F
	40	580	XMLP040BD21F	XMLP040BD71F	XMLP040BD11F
	60	870	XMLP060BD21F	XMLP060BD71F	XMLP060BD11F
	100	1450	XMLP100BD21F	XMLP100BD71F	XMLP100BD11F
	160	2320	XMLP160BD21F	XMLP160BD71F	XMLP160BD11F
	250	3625	XMLP250BD21F	XMLP250BD71F	XMLP250BD11F
	400	5800	XMLP400BD21F	XMLP400BD71F	XMLP400BD11F
	600	8700	XMLP600BD21F	XMLP600BD71F	XMLP600BD11F

ZMLP Display and switch M12 4 pin (male) PNP	4-20 mA analog + switching output		2 switching outputs	
	NO/NC Programmable		NO/NC Programmable	
	Window	Hysteresis	Fixed hysteresis	
	ZMLPA1P2SW	ZMLPA1P2SH	ZMLPA2P0SH	

Only usable with 4-20mA analog output XMLP electronic transmitter

Quick mounting bracket

Horizontal plan
XMLPZLH01

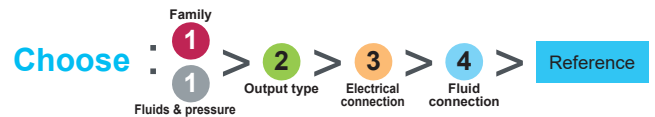
Vertical plan or pipe
XMLPZLV01

Cabling XM			PUR pre wired connectors (female) (3)			PUR Jumper cables		
M12	Connectors (female)		M12	straight		M12 (female)	straight	elbowed
(1)	4 pin	XZCC12FDM40B XZCC12FCM40B	4 pin	2 m	XZCP1141L2 XZCP1241L2 XZCP1340L2	M12 (male)	straight	straight
(2)	4 pin	XZCC12FDP40B XZCC12FCP40B		5 m	XZCP1141L5 XZCP1241L5 XZCP1340L5	4 pin	1 m	XZCR1511041C1 XZCR1512041C1
(1)	5 pin	XZCC12FDM50B XZCC12FCM50B		10 m	XZCP1141L10 XZCP1241L10 XZCP1340L10		2 m	XZCR1511041C2 XZCR1512041C2

(1) Steel ring (2) Plastic ring

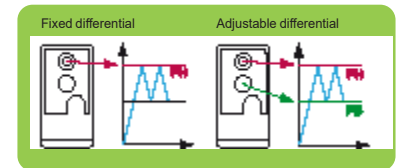
(3) For a PVC cable, add the letter V after the P. Example: XZCPpppppp become XZCPVpppppp

Pressure switches: XM Range

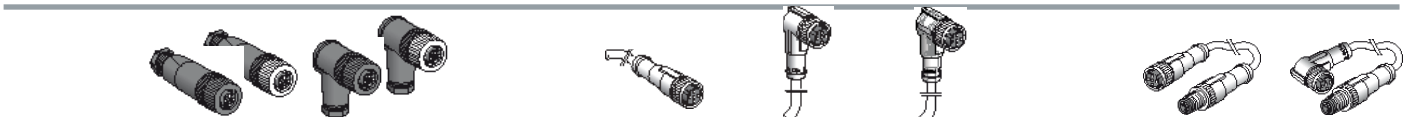


XMLA / XMLB Electromechanical		Hydraulic oils, air, fresh water, sea water / Temp. : up to 70° C						
Screw terminal			1 C/O single pole contact fixed differential			1 C/O single pole contact adjustable differential		
	Bar	psi	ISO M20	Pg13	DIN connector	ISO M20	Pg13	DIN connector
	-1	-14.5	XMLAM01V2S12	XMLAM01V2S11	XMLAM01V2C11	XMLBM02V2S12	XMLBM02V2S11	XMLBM02V2C11
	2.5	36.3	XMLA002A2S12	XMLA002A2S11	XMLA002A2C11	XMLB002A2S12	XMLB002A2S11	XMLB002A2C11
	4	58	XMLA004A2S12	XMLA004A2S11	XMLA004A2C11	XMLB004A2S12	XMLB004A2S11	XMLB004A2C11
	10	145	XMLA010A2S12	XMLA010A2S11	XMLA010A2C11	XMLB010A2S12	XMLB010A2S11	XMLB010A2C11
	20	290	XMLA020A2S12	XMLA020A2S11	XMLA020A2C11	XMLB020A2S12	XMLB020A2S11	XMLB020A2C11
	35	508	XMLA035A2S12	XMLA035A2S11	XMLA035A2C11	XMLB035A2S12	XMLB035A2S11	XMLB035A2C11
		Hydraulic oils / Temp. : up to 160° C						
G 1/4 (female)	1	14.5	XMLA001R2S12	XMLA001R2S11	XMLA001R2C11	XMLB001R2S12	XMLB001R2S11	XMLB001R2C11
	70	1015	XMLA070D2S12	XMLA070D2S11	XMLA070D2C11	XMLB070D2S12	XMLB070D2S11	XMLB070D2C11
	160	2320	XMLA160D2S12	XMLA160D2S11	XMLA160D2C11	XMLB160D2S12	XMLB160D2S11	XMLB160D2C11
	300	4350	XMLA300D2S12	XMLA300D2S11	XMLA300D2C11	XMLB300D2S12	XMLB300D2S11	XMLB300D2C11
	500	7250	XMLA500D2S12	XMLA500D2S11	XMLA500D2C11	XMLB500D2S12	XMLB500D2S11	XMLB500D2C11

XMLR Electronic + Display		Hydraulic oils, air, fresh water, refrigerant fluids			
M12 4 pin or 5 pin	Bar	psi	Analog output		Analog + 2 switching outputs PNP - NO/NC programmable 4...20 mA
			4...20 mA	0...10 V	
			XMLRM01G0T25	XMLRM01G0T75	
			XMLR001G0T25	XMLR001G0T75	XMLRM01G2P25
			XMLR2D5G0T25	XMLR2D5G0T75	
			XMLR010G0T25	XMLR010G0T75	
			XMLR016G0T25	XMLR016G0T75	XMLR010G2P25
			XMLR025G0T25	XMLR025G0T75	
			XMLR040G0T25	XMLR040G0T75	
			XMLR100M0T25	XMLR100M0T75	XMLR040G2P25
			XMLR160M0T25	XMLR160M0T75	
			XMLR250M0T25	XMLR250M0T75	
			XMLR400M0T25	XMLR400M0T75	XMLR250M2P25
			XMLR600M0T25	XMLR600M0T75	



		Hydraulic oils, air, fresh water, refrigerant fluids			
G 1/4A (female)	Bar	psi	Analog + switching output PNP - NO/NC programmable		2 switching outputs PNP - NO/NC programmable
			4...20 mA	0...10 V	
			XMLRM01G1P25	XMLRM01G1P75	XMLRM01G2P05
			XMLR001G1P25	XMLR001G1P75	
			XMLR2D5G1P25	XMLR2D5G1P75	
			XMLR010G1P25	XMLR010G1P75	XMLR010G2P05
			XMLR016G1P25	XMLR016G1P75	
			XMLR025G1P25	XMLR025G1P75	
			XMLR040G1P25	XMLR040G1P75	XMLR040G2P05
			XMLR100M1P25	XMLR100M1P75	
			XMLR160M1P25	XMLR160M1P75	
			XMLR250M1P25	XMLR250M1P75	XMLR160M2P05
			XMLR400M1P25	XMLR400M1P75	
			XMLR600M1P25	XMLR600MP75	
					XMLR250M2P05



Cabling XM			Connectors (female)		PUR pre wired connectors (female) (3)							PUR Jumper cables	
M12		straight	elbowed	M12		straight	elbowed	elbowed PNP LED	M12 (female)		straight	elbowed	
(1)	4 pin	XZCC12FDM40B	XZCC12FCM40B	4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	M12 (male)		straight	straight	
(2)	4 pin	XZCC12FDP40B	XZCC12FCP40B		5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5	4 pin	1 m	XZCR1511041C1	XZCR1512041C1	
(1)	5 pin	XZCC12FDM50B	XZCC12FCM50B		10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10		2 m	XZCR1511041C2	XZCR1512041C2	

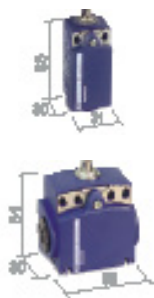
(1) Steel ring (2) Plastic ring

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

Limit switches: XC Range

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

Body Head Contact Connection



XCKD Metal	NO+NC Snap	M16	XCKD2110P16	XCKD2102P16	XCKD2121P16	XCKD2106P16	XCKD2118P16	XCKD2145P16
		Pg11	XCKD2110G11	XCKD2102G11	XCKD2121G11	XCKD2106G11	XCKD2118G11	XCKD2145G11
		M12 5P	XCKD2110M12	XCKD2102M12	XCKD2121M12	XCKD2106M12	XCKD2118M12	XCKD2145M12
XCKP Plastic	NO+NC Snap	M16	XCKP2110P16	XCKP2102P16	XCKP2121P16	XCKP2106P16	XCKP2118P16	XCKP2145P16
		Pg11	XCKP2110G11	XCKP2102G11	XCKP2121G11	XCKP2106G11	XCKP2118G11	XCKP2145G11
		M12 4P	XCKP2110M12	XCKP2102M12	XCKP2121M12	XCKP2106M12	XCKP2118M12	XCKP2145M12
XCKT Plastic	NO+NC Snap	M16	XCKT2110P16	XCKT2102P16	XCKT2121P16	XCKT2106P16	XCKT2118P16	XCKT2145P16
		Pg11	XCKT2110G11	XCKT2102G11	XCKT2121G11	XCKT2106G11	XCKT2118G11	XCKT2145G11



XCMD Metal	NO+NC Snap	1 m	XCMD2110L1	XCMD2102L1	XCMD2124L1	XCMD21F0L1	XCMD21F2L1	XCMD2115L1	XCMD2116L1
	NO+NC Slow	1 m	XCMD2510L1	XCMD2502L1	XCMD2524L1	XCMD25F0L1	XCMD25F2L1	XCMD2515L1	XCMD2516L1
	NO+NC Snap	M12 5P	XCMD2110C12	XCMD2102C12	XCMD2124C12	XCMD21F0C12	XCMD21F2C12	XCMD2115C12	XCMD2116C12
	1 C/O Snap	M12 4P	XCMD2110M12						



XCSM Metal	Safety contacts (3)	Cable 1m	Type of operator	Metal end plunger	Steel roller plunger	2NC+2NO Snap	Cable 1m	Metal end plunger	Steel roller plunger
				XCSM3710L1	XCSM3702L1			XCSM4110L1	XCSM4102L1
	2NC+NO Slow	Cable 2m		XCSM3710L2	XCSM3702L2		Cable 2m	XCSM4110L2	XCSM4102L2
				XCSM3710L5	XCSM3702L5			XCSM4110L5	XCSM4102L5



XCKM Metal	NO+NC Snap	M20	XCKM110H29	XCKM102H29	XCKM121H29	XCKM115H29	XCKM106H29
		Pg11	XCKM110	XCKM102	XCKM121	XCKM115	XCKM106
XCKL Metal	NO+NC Snap	CG				XCKL115	XCKL106



XCKJ Metal	NO+NC Snap	M20	XCKJ161H29	XCKJ167H29	XCKJ10511H29	XCKJ10513H29	XCKJ10541H29	XCKJ10559H29
		Pg13	XCKJ161	XCKJ167	XCKJ10511	XCKJ10513	XCKJ10541	XCKJ10559
		1/2NPT	XCKJ161H7	XCKJ167H7	XCKJ10511H7	XCKJ10513H7	XCKJ10541H7	XCKJ10559H7
		M12 5P	XCKJ161D	XCKJ167D	XCKJ10511D	XCKJ10513D	XCKJ10541D	XCKJ10559D

(1) Plastic roller (2) Steel roller



XCSA Metal	M20	NC+2NO Slow	XCSA502	XCSA702	XCSA802	Accessories	
		Pg13	XCSA501	XCSA701	XCSA801	XCSZ01	XCSZ03
		1/2NPT	XCSA503	XCSA703	XCSA803		



XCSA Plastic	M16	NC+NO Slow	XCSA592	XCSA792	XCSA892	XCSA992	XCSA492	Accessories	
		Pg11	XCSA591	XCSA791	XCSA891	XCSA991	XCSA491	XCSZ11	XCSZ13
		1/2NPT	XCSA593	XCSA793	XCSA893	XCSA993	XCSA493		

Snap NO+NC	Slow NO+NC	Snap 1C/O M12 4 pin	Snap NO+NC M12 5 pin	Slow/Snap NC+NC	Slow NO+NO	Slow NC+2NO	Slow/Snap 2NC+NO	Slow 3NC	Slow 2NC	Snap 2C/O Simultaneous	Snap 2NO + 2NC

- M16 Tapped M16x1.5 for ISO cable gland
- M20 Tapped M20x1.5 for ISO cable gland
- Pg11 Tapped for a N°11 cable gland
- Pg13 Tapped for a N°13 cable gland
- 1/2NPT Tapped for a 1/2" NPT
- PF1/2 Tapped for a PF1/2"
- M12 5P Connector M12, 5 pin
- M12 4P Connector M12, 4 pin
- CG Tapped with cable gland included

Cabling XC

Cabling XC		PUR pre wired connectors			 male (1)	Connectors (female)		
M12		straight	elbowed	elbowed PNP LED		M12	straight	elbowed
4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	(2)	4 pin	XZCC12FDM40B	XZCC12FCM40B
	5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5	(3)	4 pin	XZCC12FDP40B	XZCC12FCP40B
	10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10	(2)	5 pin	XZCC12FDM50B	XZCC12FCM50B
5 pin	5 m	XZCP1164L5	XZCP1264L5				(2) Steel ring (3) Plastic ring	

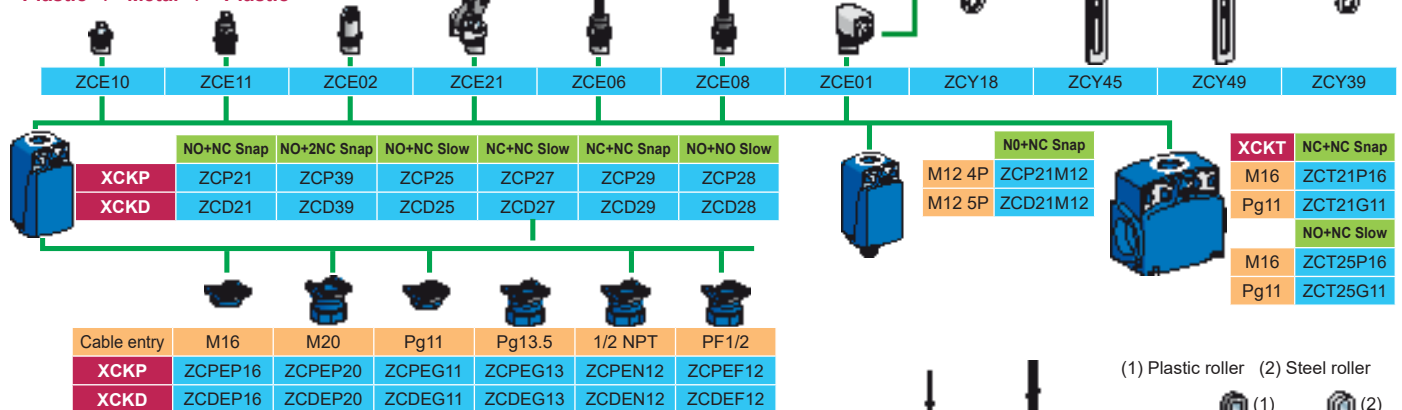
(2) Steel ring (3) Plastic ring

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

Limit switches: XC Range

XCKP / XCKD / XCKT

Plastic / Metal / Plastic



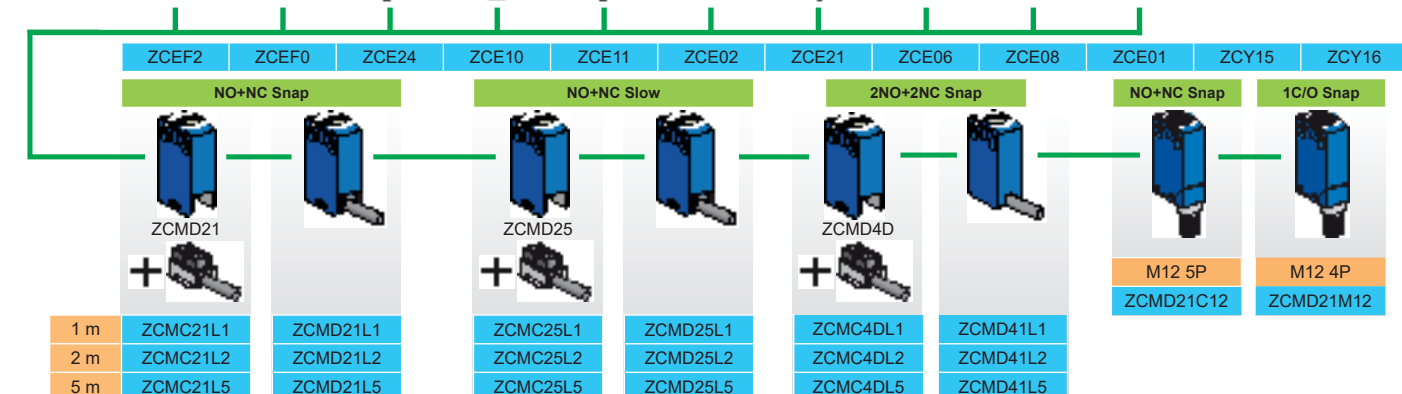
Model	NO+NC Snap	NO+2NC Snap	NO+NC Slow	NC+NC Slow	NC+NC Snap	NO+NO Slow
XCKP	ZCP21	ZCP39	ZCP25	ZCP27	ZCP29	ZCP28
XCKD	ZCD21	ZCD39	ZCD25	ZCD27	ZCD29	ZCD28

Cable entry	M16	M20	Pg11	Pg13.5	1/2 NPT	PF1/2
XCKP	ZCEP16	ZCEP20	ZCEP11	ZCEP13	ZCEP12	ZCEP12
XCKD	ZCED16	ZCED20	ZCED11	ZCED13	ZCED12	ZCED12

Model	NO+NC Snap	NC+NC Snap
XCKT	M16	ZCT21P16
	Pg11	ZCT21G11
	M16	ZCT25P16
	Pg11	ZCT25G11

XCMD

Metal

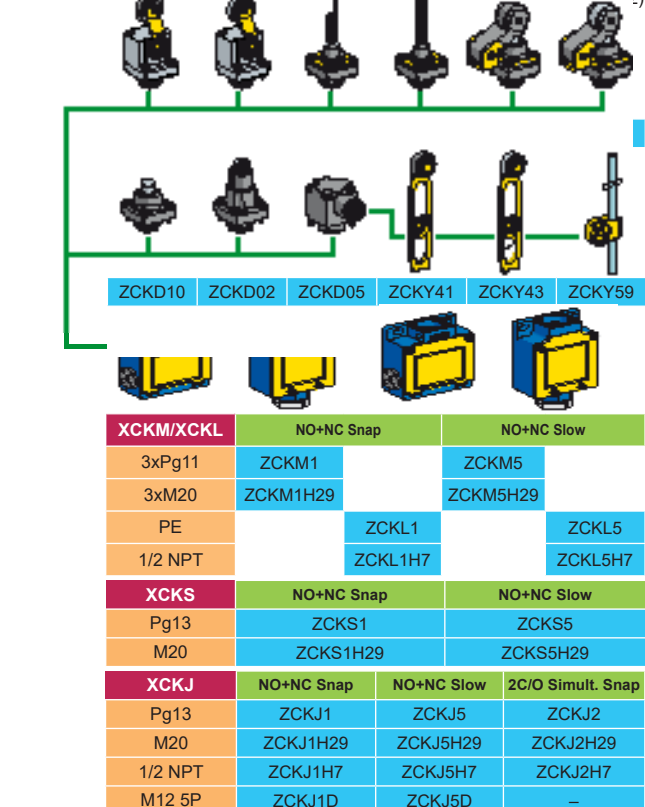


Model	NO+NC Snap	NO+NC Slow	2NO+2NC Snap	NO+NC Snap	1C/O Snap
ZCMD21	ZCMD21L1	ZCMD21L1	ZCMD4DL1	ZCMD21C12	ZCMD21M12
ZCMD25	ZCMD25L1	ZCMD25L1	ZCMD4DL1	ZCMD21C12	ZCMD21M12
ZCMD4D	ZCMD4DL1	ZCMD4DL1	ZCMD4DL1	ZCMD21C12	ZCMD21M12
ZCMD4L1	ZCMD4L1L1	ZCMD4L1L1	ZCMD4L1L1	ZCMD21C12	ZCMD21M12
ZCMD4L2	ZCMD4L2L1	ZCMD4L2L1	ZCMD4L2L1	ZCMD21C12	ZCMD21M12
ZCMD4L5	ZCMD4L5L1	ZCMD4L5L1	ZCMD4L5L1	ZCMD21C12	ZCMD21M12

Model	NO+NC Snap	1C/O Snap
ZCMD21	ZCMD21L1	ZCMD21M12
ZCMD25	ZCMD25L1	ZCMD25M12
ZCMD4D	ZCMD4DL1	ZCMD4DL1
ZCMD4L1	ZCMD4L1L1	ZCMD4L1L1
ZCMD4L2	ZCMD4L2L1	ZCMD4L2L1
ZCMD4L5	ZCMD4L5L1	ZCMD4L5L1

XCKM/XCKL

Metal



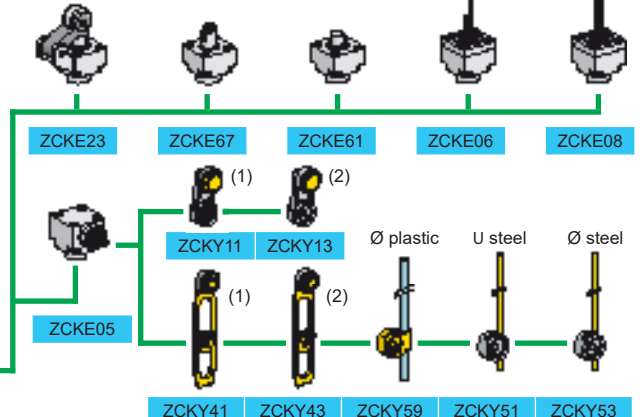
Model	NO+NC Snap	NO+NC Slow
XCKM/XCKL	ZCKM1	ZCKM5
3xPg11	ZCKM1H29	ZCKM5H29
PE	ZCKL1	ZCKL5
1/2 NPT	ZCKL1H7	ZCKL5H7

Model	NO+NC Snap	NO+NC Slow	2C/O Simult. Snap
XCKS	ZCKS1	ZCKS5	ZCKJ2
Pg13	ZCKS1H29	ZCKS5H29	ZCKJ2H29
M20	ZCKS1H29	ZCKS5H29	ZCKJ2H7

Model	NO+NC Snap	NO+NC Slow	2C/O Simult. Snap
XCKJ	ZCKJ1	ZCKJ5	ZCKJ2
Pg13	ZCKJ1H29	ZCKJ5H29	ZCKJ2H29
1/2 NPT	ZCKJ1H7	ZCKJ5H7	ZCKJ2H7
M12 5P	ZCKJ1D	ZCKJ5D	-

XCKJ

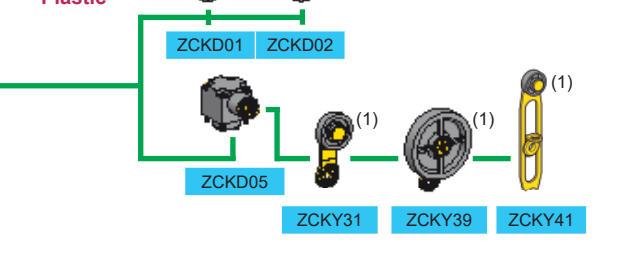
Metal



Model	NO+NC Snap	NO+NC Slow
XCKJ	ZCKJ1	ZCKJ5
Pg13	ZCKJ1H29	ZCKJ5H29
M20	ZCKJ1H29	ZCKJ5H29

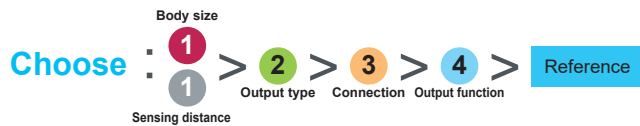
XCKS

Plastic



Model	NO+NC Snap	NO+NC Slow
XCKS	ZCKS1	ZCKS5
Pg13	ZCKS1H29	ZCKS5H29
M20	ZCKS1H29	ZCKS5H29

Inductives: XS Range



Flush mountable

Short



			M8	
Sensing distance			1.5 mm	2.5 mm
DC3	PNP	cable	XS508B1PAL2	XS108B3PAL2
		connector	XS508B1PAM8	XS108B3PAM8
	NPN	cable	XS508B1NAL2	XS108B3NAL2
		connector	XS508B1NAM8	XS108B3NAM8
DC2	cable		XS508BSCAL2	XS608B3CAL2
	connector		XS508BSCAL01M12	XS608B3CAL01M12
DC3	PNP	cable	XS508BLPAL2	XS608B1PAL2
		connector	XS508BLPAM12	XS608B1PAM12
	NPN	cable	XS508BLNAL2	XS608B1NAL2
		connector	XS508BLNAM12	XS608B1NAM12
DC2	cable		XS508B1DAL2	XS608B1DAL2
	connector		XS508B1DAM12	XS608B1DAM12
AC/DC	cable			
	connector			
Output function	NO		A	A
	NC		B	B
	NO + NC			

M12	
2 mm	4 mm
XS512B1PAL2	XS112B3PAL2
XS512B1PAM12	XS112B3PAM12
XS512B1NAL2	XS112B3NAL2
XS512B1NAM12	XS112B3NAM12
XS512BSDAL2	XS612B3DAL2
XS512BSDAM12	XS612B3DAM12
XS512BLPAL2	XS612B1PAL2
XS512BLPAM12	XS612B1PAM12
XS512BLNAL2	XS612B1NAL2
XS512BLNAM12	XS612B1NAM12
XS512B1DAL2	XS612B1DAL2
XS512B1DAM12	XS612B1DAM12
XS512B1MAL2	XS612B1MAL2
XS512B1MAU20	XS612B1MAU20
A	A
B	B
	(short only) C



Flush mountable

Short



			M18	
Sensing distance			5 mm	8 mm
DC3	PNP	cable	XS518B1PAL2	XS118B3PAL2
		connector	XS518B1PAM12	XS118B3PAM12
	NPN	cable	XS518B1NAL2	XS118B3NAL2
		connector	XS518B1NAM12	XS118B3NAM12
DC2	cable		XS518BSDAL2	XS618B3DAL2
	connector		XS518BSDAM12	XS618B3DAM12
DC3	PNP	cable	XS518BLPAL2	XS618B1PAL2
		connector	XS518BLPAM12	XS618B1PAM12
	NPN	cable	XS518BLNAL2	XS618B1NAL2
		connector	XS518BLNAM12	XS618B1NAM12
DC2	cable		XS518B1DAL2	XS618B1DAL2
	connector		XS518B1DAM12	XS618B1DAM12
AC/DC	cable		XS518B1MAL2	XS618B1MAL2
	connector		XS518B1MAU20	XS618B1MAU20
Output function	NO		A	A
	NC		B	B
	NO + NC	(short only) C		

M30	
10 mm	15 mm
XS530B1PAL2	XS130B3PAL2
XS530B1PAM12	XS130B3PAM12
XS530B1NAL2	XS130B3NAL2
XS530B1NAM12	XS130B3NAM12
XS530BSDAL2	XS630B3DAL2
XS530BSDAM12	XS630B3DAM12
XS530BLPAL2	XS630B1PAL2
XS530BLPAM12	XS630B1PAM12
XS530BLNAL2	XS630B1NAL2
XS530BLNAM12	XS630B1NAM12
XS530B1DAL2	XS630B1DAL2
XS530B1DAM12	XS630B1DAM12
XS530B1MAL2	XS630B1MAL2
XS530B1MAU20	XS630B1MAU20
A	A
B	B
	(short only) C

XS Miniature



			D4	
Sensing distance			0.8 mm	1.5 mm
DC3	PNP	cable	XS504R1PAL2	XS604R1PAL2
		connector	XS504R1PAM08	XS604R1PAM08
	NPN	cable	XS504R1NAL2	XS604R1NAL2
		connector	XS504R1NAM08	XS604R1NAM08
Output function		NO	 A	A
		NC	 B	B

M5	
0.8 mm	1.5 mm
XS505R1PAL2	XS605R1PAL2
XS505R1PAM08	XS605R1PAM08
XS505R1NAL2	XS605R1NAL2
XS505R1NAM08	XS605R1NAM08
A	A
B	B

Inductives: XS Range

Flush mountable			U 8x22x8 mm		U 15x32x8 mm		U 26x26x13 mm		U 40x40x15 mm	
Sensing distance			2.5 mm		5 mm		10 mm		15 mm	
	DC3	PNP	cable	XS7J1A1PAL2	XS7F1A1PAL2	XS7E1A1PAL2	XS7C1A1PAL2			
			connector	XS7J1A1PAL01M8	XS7F1A1PAL01M8	XS7E1A1PAM8	XS7C1A1PAM8			
	NPN	cable	XS7J1A1NAL2	XS7F1A1NAL2	XS7E1A1NAL2	XS7C1A1NAL2				
		connector				XS7C1A1NAM8				
DC2			cable	XS7J1A1DAL2	XS7F1A1DAL2	XS7E1A1DAL2	XS7C1A1DAL2			
			connector		XS7F1A1DAL01M8	XS7E1A1DAM8	XS7C1A1DAM8			

Flush adaptable mountable			U 26x26x13 mm		U 40x40x15 mm	
Sensing distance			15 mm		25 mm	
	DC3	PNP	cable	XS8E1A1PAL2	XS8C1A1PAL2	
			connector	XS8E1A1PAM8	XS8C1A1PAM8	
	NPN	cable	XS8E1A1NAL2	XS8C1A1NAL2		
		connector	XS8E1A1NAM8	XS8C1A1NAM8		
AC/DC			cable	XS8E1A1MAL2	XS8C1A1MAL2	
			connector	XS8E1A1MAL01U20	XS8C1A1MAL01U20	
Output function	NO			A	A	A
	NC			B	B	B

Flush mountable

Flush adaptable mountable

Screw terminal M 20

Connector M 12, 4 pin

U 80x80x26 mm

Sensing distance 40 mm

DC3	PNP	cable	XS7D1A1PAL2
		connector	XS7D1A1PAM12
	NPN	cable	XS7D1A1NAL2
		connector	XS7D1A1NAM12
DC2			XS7D1A1DAL2
			XS7D1A1DAM12

U 80x80x26 mm

Sensing distance 60 mm

DC3	PNP	cable	XS8D1A1PAL2
		connector	XS8D1A1PAM12
	NPN	cable	XS8D1A1NAL2
		connector	XS8D1A1NAM12
AC/DC			XS8D1A1MAL2
			XS8D1A1MAU20

Output function	NO		A
	NC		B

Cubic

U 40x40x117 mm

DC4	PNP	NO+NC
	NPN	NO+NC
DC2	NO	
	NO	
AC/DC	PNP	NO+NC
	NPN	NO+NC
DC2	NO or NC	
	NO or NC	
AC/DC	NO or NC	

Select the type of connection

M20	P20	P20
PG13	G13	G13
1/2" NPT	N12	N12

20 mm

XS8C2A1PCM12	XS8C2A4PCM12
XS8C2A1NCM12	XS8C2A4NCM12
XS8C2A1DAM12	XS8C2A4DAM12
XS8C2A1MAU20	XS8C2A4MAU20

40 mm

XS8C4A1PCP20	XS8C4A4PCP20
XS8C4A1NCP20	XS8C4A4NCP20
XS8C4A1DPP20	XS8C4A4DPP20
XS8C4A1MPP20	XS8C4A4MPP20

Accessories

For 26x26	XSZBE00	XSZBE90
For 40x40	XSZBC00	XSZBC90

DC3 24 V

DC4 24 V

AC/DC 24...240 V

DC2 24 V

Rotation monitoring: XSAV Range

Choose

1

Speed

>

2

Output Type

>

Reference



Sensing distance

Low Speed

High Speed

M8

XSZB108

M12

XSZB112

M18

XSZB118

M30

XSZB130

M30	Flush	cable	Output type	DC3-PNP	XSAV11373	XSAV12373
				AC/DC	XSAV11801	XSAV12801





Cabling XS

PUR pre wired connectors (female) (1)

M12	4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2
		5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5
		10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10




Connectors (female)

M12	4 pin	(2)	XZCC12FDM40B	XZCC12FCM40B
		(3)	XZCC12FDP40B	XZCC12FCP40B

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

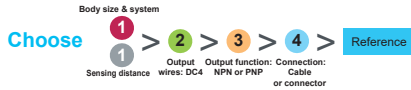
(2) Steel ring (3) Plastic ring

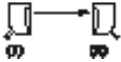
(1) For a PVC cable, add the letter V after the P. Example: XZCPpppppp become XZCPVpppppp

(2) Steel ring (3) Plastic ring

Photo-electrics: XU Range

XU miniature, cylindrical and hybrid model



				M18 (1) metal	M18 (1) plastic	M18 (2) metal	M18 (2) plastic	Hybrid	Miniature		
MAX.Sensing distance				NO or NC	NO or NC	NO or NC	NO or NC	NO or NC	NO or NC		
Diffuse  * Connector 4P M12 if the reference ends by 12 connector 4P M8 if the reference ends by 8	1 m	PNP	cable	XUB5BPXNL2	XUB5APXNL2			XUN5APXNL2	1.9 m	XUM5APXBL2	
			connector 4P*	XUB5BPXNM12	XUB5APXNM12			XUN5APXNM12		XUM5APXBM8	
			IO-Link	XUB5BPYNM12	XUB5APYNM12			XUN5APYNM12			
		NPN	cable	XUB5BNXNL2	XUB5ANXNL2			XUN5ANXNL2	XUM5ANXBL2		
			connector 4P	XUB5BNXNM12	XUB5ANXNM12			XUN5ANXNM12	XUM5ANXBM8		
	0.6 m	PNP	cable							1.1 m	XUM6APXBL2
			connector 4P						XUM6APXBM8		
		NPN	cable							XUM6ANXBL2	
			connector 4P						XUM6ANXBM8		
			IO-Link								
Background Suppression 	0.3 m	PNP	cable	XUB8BPXNL2	XUB8APXNL2	0.15 m	XUB8BPXWL2	XUB8APXWL2	XUN8APXNL2	0.3 m	XUM8APXBL2
			connector 4P	XUB8BPXNM12	XUB8APXNM12		XUB8BPXWM12	XUB8APXWM12	XUN8APXNM12		XUM8APXBM8
			IO-Link	XUB8BPYNM12	XUB8APYNM12	XUB8BPYWM12	XUB8APYWM12	XUN8APYNM12			
		NPN	cable	XUB8BNXNL2	XUB8ANXNL2	XUB8BNXWL2	XUB8ANXWL2	XUN8ANXNL2	XUM8ANXBL2		
			connector 4P	XUB8BNXNM12	XUB8ANXNM12	XUB8BNXWM12	XUB8ANXWM12	XUN8ANXNM12	XUM8ANXBM8		
	7 m	PNP	cable	XUB9BPXNL2	XUB9APXNL2	5.5 m	XUB9BNXWL2	XUB9APXWL2	XUN9APXNL2	8 m	XUM9APXBL2
			connector 4P	XUB9BPXNM12	XUB9APXNM12		XUB9BNXWM12	XUB9APXWM12	XUN9APXNM12		XUM9APXBM8
			IO-Link	XUB9BPYNM12	XUB9APYNM12	XUB9BPYWM12	XUB9APYWM12	XUN9APYNM12			
		NPN	cable	XUB9BNXNL2	XUB9ANXNL2	XUB9BPXWL2	XUB9ANXWL2	XUN9ANXNL2	XUM9ANXBL2		
			connector 4P	XUB9BNXNM12	XUB9ANXNM12	XUB9BPXWM12	XUB9ANXWM12	XUN9ANXNM12	XUM9ANXBM8		
Accessory: Reflector			XUZC50	XUZC50	XUZC50	XUZC50	XUZC50	XUZC50			
Thru-beam receiver 	30 m	PNP	cable	XUB2BPXNL2R	XUB2APXNL2R	17 m	XUB2BNXWL2R	XUB2APXWL2R	XUN2APXNL2R	30 m	XUM2APXBL2R
			connector 4P	XUB2BPXNM12R	XUB2APXNM12R		XUB2BNXWM12R	XUB2APXWM12R	XUN2APXNM12R		XUM2APXBM8R
			IO-Link	XUB2BPYNM12R	XUB2APYNM12R	XUB2BPYWM12R	XUB2APYWM12R	XUN2APYNM12R			
		NPN	cable	XUB2BNXNL2R	XUB2ANXNL2R	XUB2BPXWL2R	XUB2ANXWL2R	XUN2ANXNL2R	XUM2ANXBL2R		
			connector 4P	XUB2BNXNM12R	XUB2ANXNM12R	XUB2BPXWM12R	XUB2ANXWM12R	XUN2ANXNM12R	XUM2ANXBM8R		
		Transmitter	cable	XUB2BKXNL2T	XUB2BKXNL2T	XUB2BKXWL2T	XUB2AKXWL2T	XUN2AKXNL2T	XUM2AKXNL2T		
	connector 4P		XUB2BKXNM12T	XUB2BKXNM12T	XUB2BKXWM12T	XUB2AKXWM12T	XUN2AKXNM12T	XUM2AKXNM12T			
Thru-beam 	30 m	PNP	cable	XUB2BPXNL2	XUB2APXNL2	17 m	XUB2BPXWL2	XUB2APXWL2	XUN2APXNL2	30 m	XUM2APXBL2
			connector 4P	XUB2BPXNM12	XUB2APXNM12		XUB2BPXWM12	XUB2APXWM12	XUN2APXNM12		XUM2APXBM8
			IO-Link	XUB2BPYNM12R	XUB2APYNM12R	XUB2BPYWM12R	XUB2APYWM12R	XUN2APYNM12			
		NPN	cable	XUB2BNXNL2	XUB2ANXNL2	XUB2BNXWL2	XUB2ANXWL2	XUN2ANXNL2	XUM2ANXBL2		
			connector 4P	XUB2BNXNM12	XUB2ANXNM12	XUB2BNXWM12	XUB2ANXWM12	XUN2ANXNM12	XUM2ANXBM8		

(1) = Straight
(2) = Angled

Multimode			Metal	Plastic	Plastic		
	DC3	PNP	cable	XUB0BPSNL2	XUB0APSNL2	XUM0APSAL2	
			connector 4P	XUB0BPSNM12	XUB0APSNM12	XUM0APSAM8	
		NPN	cable	XUB0BNSNL2	XUB0ANSNL2	XUM0ANSAL2	
			connector 4P	XUB0BNSNM12	XUB0ANSNM12	XUM0ANSAM8	
			Sensing distance	Background Sup: 0.12 m	Diffuse: 0.3 m	BGS: 0.1 m	D: 0.4 m
	Output function	NO or NC	Polarized reflex: 3 m	Thru-beam: 20 m	P: 3 m	TB: 10 m	
	Transmitter	DC	cable	XUB0BKSNL2T	XUB0AKSNL2T	XUM0AKSAL2T	
			connector 4P	XUB0BKSNM12T	XUB0AKSNM12T	XUM0AKSAM8T	

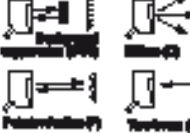
Other fixings

Single bracket

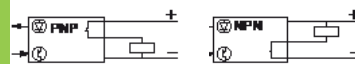


	standard	with ball joint
XUB	XUZA118 (stainless steel)	XUZA218 (plastic)
XUM	XUZA50	—
XUK	XUZA51	—
XUX	XUXZ2000	—

Photo-electrics: XU Range

		Sensing distance						Compact 50x50 mm						Compact 92x71 mm		
	Diffuse	1 m	DC3	PNP	cable	XUK5APANL2		2.1 m	DC3	PNP	terminals	XUX5APANT16				
					connector 4P	XUK5APANM12					connector 4P	XUX5APANM12				
			NPN		cable	XUK5ANANL2				NPN	terminals	XUX5ANANT16				
					connector 4P	XUK5ANANM12					connector 4P	XUX5ANANM12				
			AC/DC	Relay	cable	XUK5ARCNL2			AC/DC	Relay	terminals	XUX5ARCNT16				
		Output function		NO		 A						A				
				NC		 B						B				
	Polarized Reflex	5 m	DC3	PNP	cable	XUK9APANL2		11 m	DC3	PNP	terminals	XUX9APANT16				
					connector 4P	XUK9APANM12					connector 4P	XUX9APANM12				
			NPN		cable	XUK9ANANL2				NPN	terminals	XUX9ANANT16				
					connector 4P	XUK9ANANM12					connector 4P	XUX9ANANM12				
			AC/DC	Relay	cable	XUK9ARCNL2			AC/DC	Relay	terminals	XUX9ARCNT16				
		Accessory: Reflector		XUZC50								XUZC50				
	Reflex	7 m	DC3	PNP	cable	XUK1APANL2		14 m	DC3	PNP	terminals	XUX1APANT16				
					connector 4P	XUK1APANM12					connector 4P	XUX1APANM12				
			NPN		cable	XUK1ANANL2				NPN	terminals	XUX1ANANT16				
					connector 4P	XUK1ANANM12					connector 4P	XUX1ANANM12				
			AC/DC	Relay	cable	XUK1ARCNL2			AC/DC	Relay	terminals	XUX1ARCNT16				
		Accessory: Reflector		XUZC50								XUZC50				
	Thru-beam	30 m	DC3	PNP	cable	XUK2APANL2R		40 m	DC3	PNP	terminals	XUX2APANT16R				
					connector 4P	XUK2APANM12R					connector 4P	XUX2APANM12R				
			NPN		cable	XUK2ANANL2R				NPN	terminals	XUX2ANANT16R				
					connector 4P	XUK2ANANM12R					connector 4P	XUX2ANANM12R				
			Accessory: Transmitter		cable	XUK2AKSNL2T				terminals	XUX0AKSAT16T					
					connector 4P	XUK2AKSNM12T				connector 4P	XUX0AKSAM12T					
		AC/DC	Relay	cable	XUK2ARCNL2R			AC/DC	Relay	terminals	XUX2ARCNT16R					
				cable	XUK2ARCNL2T					terminals	XUX0ARCTT16T					
	Multimode			DC3 PNP/NPN		cable	XUK0AKSAL2				DC3 PNP/NPN		terminals	XUX0AKSAT16		
						connector 4P	XUK0AKSAM12						connector 4P	XUX0AKSAM12		
				AC/DC		Relay	cable		AC/DC		Relay	terminals		XUX0ARCTT16		
				Background Suppression: 0.28 m		Diffuse: 0.8 m						Background Suppression: 1.3 m		Diffuse: 2 m		
				Polarized reflex: 4 m		Thru-beam: 30 m						Polarized reflex: 11 m		Thru-beam: 40 m		
				Accessory: Transmitter		DC		cable	XUK0AKSAL2T		DC		terminals	XUX0AKSAT16T		
				AC/DC				connector 4P	XUX0AKSAM12T				connector 4P	XUX0AKSAM12T		
						AC/DC		cable	XUK0ARCTL2T		AC/DC		terminals	XUX0ARCTT16T		

DC3 24 V



AC/DC Relay 24...240 V

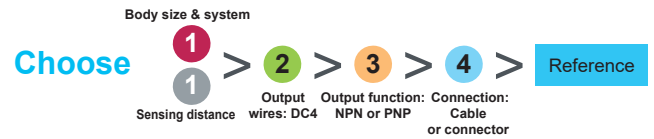


		PUR pre wired connectors (female) (1)			Connectors (female)		
M12		straight	elbowed	elbowed PNP LED	straight	elbowed	
4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	4 pin (2)	XZCC12FDM40B	XZCC12FCM40B
	5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5		4 pin (3)	XZCC12FCP40B
	10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10			

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

(2) Steel ring (3) Plastic ring

Photo-electrics applicative



Color sensors



Light type	Max. Sensing distance	Output type	Connection	Output function	Compact	Miniature	Sub-miniature
White	60 mm	DC5	PNP/NPN /IO-Link	M12 5-Pin	XUKCBSAYM12		
	150 mm				XUKCBLAYM12		
RGB LED	15 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUMRACAYM8	

Color Mark Reader



RGB	15 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUMRAGAYM8	
				M12 4-Pin, 150 mm		XUMRAGAYP015	
White led	12 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUMRPGAYM8	
	15 mm			M8 4-Pin		XUMRAWAYM8	
Laser		DC4	PNP/NPN/IO-Link	M12 4-Pin, 150 mm		XUMRAWAYP015	
	250 mm			M8 4-Pin		XUM5ALAYM8	
				M12 4-Pin, 150 mm		XUM5ALAYP015	
				Cable, 2 m, 4-Wire		XUM5ALAYL2	

Transparent



Red light	2000 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUMTARAYM8	
				M12 4-Pin, 150 mm		XUMTARAYP015	
				Cable, 2 m, 4-Wire		XUMTARAYL2	
			PNP	M8 4-Pin		XUMTPRPM8	
		Accessory: Reflector				XUZC50	XUZC50
Blue light	50 mm	DC4	PNP	M8 4-Pin, 200 mm			XUT7ABPXP02
				Cable, 2 m, 4-Wire			XUT7ABPXL2
	100 mm	DC4	PNP	M8 4-Pin		XUM7ABPM8	
				Cable, 2 m, 4-Wire		XUM7ABPXL2	
	100 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin, 200 mm			XUT8ABAYP02
				Cable, 2 m, 4-Wire			XUT8ABAYL2
	200 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUM8ABAYM8	
				M12 4-Pin, 150 mm		XUM8ABAYP015	
	1200 mm	DC4	PNP	M12 4-Pin	XUK8ABPM12		

Laser



Diffuse	250 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUM5ALAYM8	
				M12 4-Pin, 150 mm		XUM5ALAYP015	
BGS	100 mm	DC4	PNP/NPN/IO-Link	Cable, 2 m, 4-Wire		XUM5ALAYL2	
				M8 4-Pin, 200 mm			XUT8ALAYP02
	150 mm	DC4	PNP/NPN/IO-Link	Cable, 2 m, 4-Wire			XUT8ALAYL2
				M8 4-Pin		XUM8ALAYM8	
	200 mm	DC4	PNP	M12 4-Pin, 200 mm		XUM8ALAYP015	
				Cable, 2 m, 4-Wire		XUM8ALAYL2	
Reflex	15 000 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUM8PLPM8	
				M12 4-Pin, 200 mm		XUM9ALAYM8	
	12 000 mm	DC4	PNP/NPN/IO-Link	Cable, 2 m, 4-Wire		XUM9ALAYP015	
				M8 4-Pin		XUM9ALAYL2	
	4000 mm	DC4	PNP	M8 4-Pin, 200 mm		XUM9PLPM8	
				Cable, 2 m, 4-Wire			XUT9ALPXP02
							XUT9ALPXL2
		Accessory: Reflector High precision				XUZC50HP	XUZC50HP

BSG Blue Light



Fixed	50 mm	DC4	PNP	M8 4-Pin, 200 mm			XUT7ABPXP02
				Cable, 2 m, 4-Wire			XUT7ABPXL2
	100 mm	DC4	PNP	M8 4-Pin		XUM7ABPM8	
				Cable, 2 m, 4-Wire		XUM7ABPXL2	
Teach	100 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin, 200 mm			XUT8ABAYP02
				Cable, 2 m, 4-Wire			XUT8ABAYL2
	200 mm	DC4	PNP/NPN/IO-Link	M8 4-Pin		XUM8ABAYM8	
				M12 4-Pin, 150 mm		XUM8ABAYP015	
	1200 mm	DC4	PNP	M12 4-Pin	XUK8ABPM12		

Accessories

Reflectors

XZ (...) M8:
Connector M8 4 pin

XZ (...) M12:
Connector M12 4 pin

XUZC24

XUZC80

XUZC50

XUZC50HP

XUZC100

XUZC50CR

Cabling XU

PUR pre wired connectors (female) (1)				
M12		straight	elbowed	elbowed PNP LED
4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2
	5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5
	10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10

(1) For a PVC cable, add the letter V after the P.
Example: XZCP1141L2 become XZCPV1141L2 for a PVC version

Cabling XU

PUR pre wired connectors (female) (1)			
M8		straight	elbowed
4 pin	2 m	XZCP0941L2	XZCP1041L2
	5 m	XZCP0941L5	XZCP1041L5
	10 m	XZCP0941L10	XZCP1041L10

(1) For a PVC cable, add the letter V after the P.
Example: XZCP0941L2 become XZCPV0941L2



XUZARM

Compatible with	
Dovetail clamp	XUM*A*AYM8
Supplied with 2x M3 screws	XUM*A*AYP015
	XUM*A*AYL2
	XUM7ABPX**



XUZARS

Compatible with	
Dovetail clamp	XUT7ABPX**
Supplied with 2x M3 screws	XUT8A*AY**
	XUT9ABPX**



XUZARK

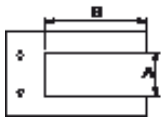
Compatible with	
Dovetail clamp	XUKCB*AYM12
Supplied with 1x M3 screws	XUK8ABPXM12



XUZASS

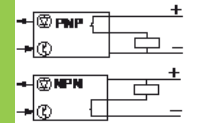
Compatible with	
Mounting bracket	XUT7ABPX**
Supplied with 2x M3 screws	XUT8A*AY**
	XUT9ABPX**

Forks: XUV Range



			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	XUVR0605P ^{AN} M8	XUVR0608P ^{AN} M8	XUVR1212P ^{AN} M8	XUVR1218P ^{AN} M8
	NPN	M8 3 pin	XUVR0605N ^{AN} M8	XUVR0608N ^{AN} M8	XUVR1212N ^{AN} M8	XUVR1218N ^{AN} M8
Output function		NO	A	A	A	A
		NC	B	B	B	B

DC3 24 V

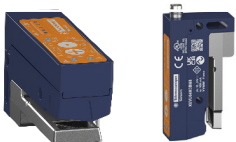


Cabling XX & XUV

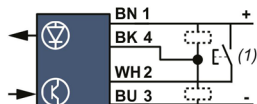
PUR pre wired connectors (female) (1)					Connectors (female)		
M8		straight	elbowed	elbowed PNP LED	M12	straight	elbowed
3 pin	2 m	XZCP0566L2	XZCP0666L2		(2) 4 pin	XZCC12FDM40B	XZCC12FCM40B
	5 m	XZCP0566L5	XZCP0666L5		(3) 4 pin	XZCC12FDP40B	XZCC12FCP40B
	10 m	XZCP0566L10	XZCP0666L10				
4 pin	2 m	XZCP0941L2	XZCP1041L2				
	5 m	XZCP0941L5	XZCP1041L5				
	10 m	XZCP0941L10	XZCP1041L10				
M12		straight	elbowed	elbowed PNP LED	Connectors (male)		
4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	M12	straight	elbowed
	5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5	4 pin	XZCC12MDM40B	XZCC12MCM40B
	10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10	5 pin	XZCC12MDM50B	XZCC12MCM50B

(2) Steel ring (3) Plastic ring

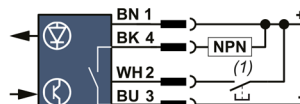
(1) For a PVC cable, add the letter V after the P. Example: XZCPpppppp become XZCPVpppppp



Push-Pull (PNP NO, NPN NC)



NPN (NO)



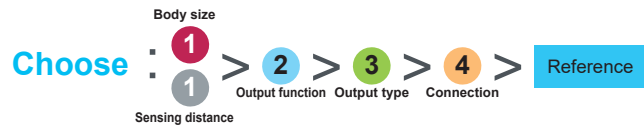
PNP (NO)



	Push-Pull (PNP NO, NPN NC)	NPN (NO)	PNP (NO)
M12	XUVU04M3BL02M12	XUVU04M3NL02M12	XUVU04M3PL02M12
Cable	XUVU04M3BL2	XUVU04M3NL2	XUVU04M3PL2
M8	XUVU04M3BM8	XUVU04M3NM8	XUVU04M3PM8

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

Ultrasonics: XX Range



			M12		M18		M18 plastic (2)	M18 brass (2)	M18 stainless (2)	M18 metal
Sensing distance			0.05 m	0.1 m	0.15 m	0.5 m Adjust. (1)	1 m Adjust. (1)	1 m Adjust. (1)	1 m Adjust. (1)	0.05 m
Connectors/Cables			M8 4 pin	M8 3 pin	M12 4 pin	M12 4 pin	M12 5 pin	M12 5 pin	M12 5 pin	M12 4 pin
NO	DC4	PNP/NPN	XX512A1KAM8		XX518A1KAM12					
	DC3	PNP		XX512A2PAM8		XX518A3PAM12				XXV18B1PAM12
		NPN		XX512A2NAM8		XX518A3NAM12				XXV18B1NAM12
NO or NC	DC3	PNP					XXS18P1PM12	XXS18B1PM12	XXS18S1PM12	
Analog	4...20 mA	0...10 V					XXA18P1PM12	XXA18B1PM12	XXA18S1PM12	
							XXS18P1AM12	XXS18B1AM12	XXS18S1AM12	
							XXA18P1AM12	XXA18B1AM12	XXA18S1AM12	
							XXS18P1VM12	XXS18B1VM12	XXS18S1VM12	
							XXA18P1VM12	XXA18B1VM12	XXA18S1VM12	
							XXS18P1VM12	XXS18B1VM12	XXS18S1VM12	

(1) Adjustable with XXZPB100

(2) Configurable with XXZBOX01 by software

S = straight A = angled

			M30 plastic (2)				M30 Brass (2)			M30 Stainless (2)		
Sensing distance			1 m Adjust. (1)	2 m Adjust. (1)	4 m Adjust. (1)	8 m Adjust. (3)	1 m Adjust. (1)	2 m Adjust. (1)	4 m Adjust. (1)	1 m Adjust. (1)	2 m Adjust. (1)	4 m Adjust. (1)
Connectors			M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin	M12 5-pin
NO or NC	DC3	PNP	XXS30P1PM12	XXS30P2PM12	XXS30P4PM12		XXS30B1PM12	XXS30B2PM12	XXS30B4PM12	XXS30S1PM12	XXS30S2PM12	XXS30S4PM12
			XXA30P1PM12	XXA30P2PM12			XXA30B1PM12	XXA30B2PM12		XXA30S1PM12	XXA30S2PM12	
	DC4	2 x PNP				XXS30P8PPM12						
		2 x NPN				XXS30P8NNM12						
Analog	DC3	4...20mA	XXS30P1AM12	XXS30P2AM12	XXS30P4AM12		XXS30B1AM12	XXS30B2AM12	XXS30B4AM12	XXS30S1AM12	XXS30S2AM12	XXS30S4AM12
			XXA30P1AM12	XXA30P2AM12			XXA30B1AM12	XXA30B2AM12		XXA30S1AM12	XXA30S2AM12	
		0...10V	XXS30P1VM12	XXS30P2VM12	XXS30P4VM12		XXS30B1VM12	XXS30B2VM12	XXS30B4VM12	XXS30S1VM12	XXS30S2VM12	XXS30S4VM12
			XXA30P1VM12	XXA30P2VM12			XXA30B1VM12	XXA30B2VM12		XXA30S1VM12	XXA30S2VM12	
Analog + NO or NC	DC4	4...20 mA + PNP				XXS30P8APM12						
		0...10V + PNP				XXS30P8VPM12						

(1) Adjustable with XXZPB100

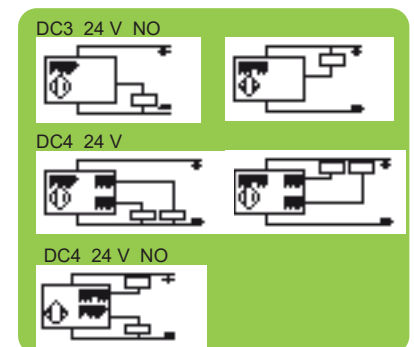
(2) Configurable with XXZBOX01 by software

(3) Push-button integrated on the product

S = straight A = angled

			Flat 7.6x19x33	Flat 16x30x74	Flat 60x30x18 + M18
Sensing distance			0.1 m	0.25 m	0.5 m Adjust. 0.5 m Adjust.
Connectors			M12 4 pin	M12 4 pin	M12 4 pin M12 4 pin
NO	DC3	PNP	XX7F1A2PAL01M12	XX7K1A2PAM12	XX7V1A1PAM12 (1)
		NPN	XX7F1A2NAL01M12	XX7K1A2NAM12	XX7V1A1NAM12 (1)
Analog	4...20 mA	0...10 V			XX9V1A1C2M12 (1)
					XX9V1A1F1M12 (1)

(1) Adjustable with XXZPB100



	M12	XXZB2012		For XX7K	M12	XXZ12
	M18	XXZB2003		Flat	M18	XXZA118
	M30	XXZB2030		Cranked	M30	XXZ30
					XX7F	XXZ1933
						Adjustable XXZPB100

RFID Systems: XG Range

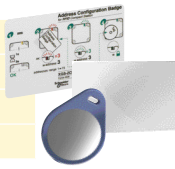
Choose : 1 > 2 > 3 > 4 > Reference

1 Mounting type
2 Dimensions
3 Output or communication protocol
4 Body type (color, LED, connector)

			
	Compact 40x40mm		
	Sensing distance 18-70mm		
	PNP output with 1 pulse	Modbus RTU	
	Blue body, connector on back	White body with remote lights, connector on back	Stand alone
Panel mounting (1)	XGCS491B201	XGCS49LB201	XGCS490B201

(1) compatible with ZB5AZ905 and XGSZCNFAC

			
Compact 40x40mm		Compact 80x80mm	
Sensing distance 18-70mm		Sensing distance 20-100mm	
Modbus RTU			Modbus TCP & Ethernet/IP
Blue body, connector and cable by side			
Screw mounting	XGCS4901201	XGCS8901201	XGCS850C201

	XGSZCNFAC	Set of configuration badges		XZCC12MDB50R	M12 connector	
	XGSZCNF01	Configuration badge		XZCPV11V2L2/5/10	M12 pre-wired connector	
	XGHB90E341	Pack of user's badges		XZCPV12V2L2/5/10	M12 pre-wired connector	
	XGHBPB3345	Key fob tag				
Accessories						

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

IO-Link Master

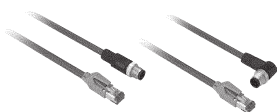


IO-Link Master devices	Reference	Protocol	Supply voltage	Number of ports	Port size	Dimension (mm) (H x W x D)	Temperature range (°C) / Degree of protection	Product certification
	XZCOM8AM12EY	EtherNet/IP	18..31,2 VDC	8 class A	M12	200 x 60 x 32	-25..+70 / IP67	CE - UKCA (1)
	XZCOM8AM12PY	ProfiNet						

(1) cULus coming soon



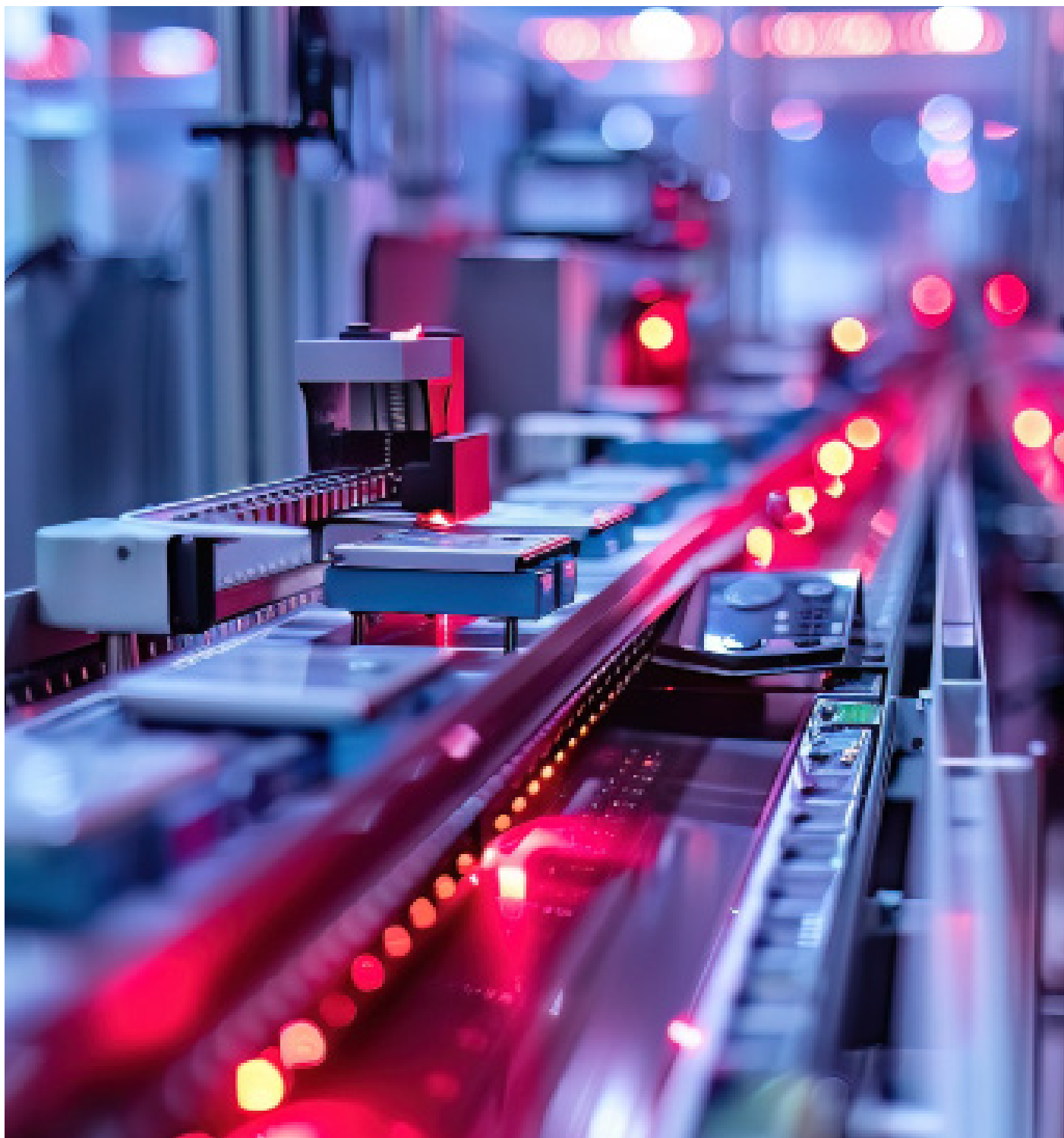
Power cables	Reference	Type of connector	End fittings	Length (m)	
	XZCPK75DL2	Female	5-pin (1+FE)	2	1.5 mm ²
	XZCPK75DL5			5	1.5 mm ²
	XZCPK75CL2			2	1.5 mm ²
	XZCPK75CL5			5	1.5 mm ²
	XZCR25K25DL2	Male/Female	M12 5-pin/M12 5-pin	2	1.5 mm ²
	XZCR25K25DL5			5	1.5 mm ²
	XZCR26K26CL2			2	1.5 mm ²
	XZCR26K26CL5			5	1.5 mm ²



Communication cables	Reference	Type of connector	Length (m)
	XGSZ12E4503	M12 D-coded to RJ45, straight/straight	3
	XGSZ12E4510		10
	XGSZ22E4503	Jumper M12/RJ45, straight/elbowed	3
	XGSZ22E4510		10



T-connector	Reference	Type of connector	End fittings
	TCSTN011M11F	1 Male/2 Female	M12 5-pin/M12 5-pin



Discover our complete offer: www.telemecaniquesensors.com or contact your local sales agency

TMSS France SAS

Share capital: 366 931 214 euros
2 Avenue Gambetta - Tour Egho
92400 Courbevoie
908 125 255 RCS de Nanterre
www.telemecaniquesensors.com

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. As standards, specifications and design change from time to time, please ask for confirmation of the information given in this publication. Neither TMSS France nor any of its subsidiaries or other affiliated companies shall be responsible or liable for misuse of the information contained in this document.

Telemecanique™ Sensors is a trademark of Schneider Electric Industries SAS used under license by TMSS France. Any other brands or trademarks referred to in this document are property of TMSS France or, as the case may be, of its subsidiaries or other affiliated companies. All other brands are trademarks of their respective owners.

As standards, specifications and design change from time to time, please ask for confirmation of the information given in this publication

© 2024, TMSS France, All Rights Reserved