
Telemecanique Sensors Detection components

Panorama 2024



Simply easy!™



Telemecanique
Sensors



Telemecanique Sensors

Simply easy!™

Founded over 90 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.

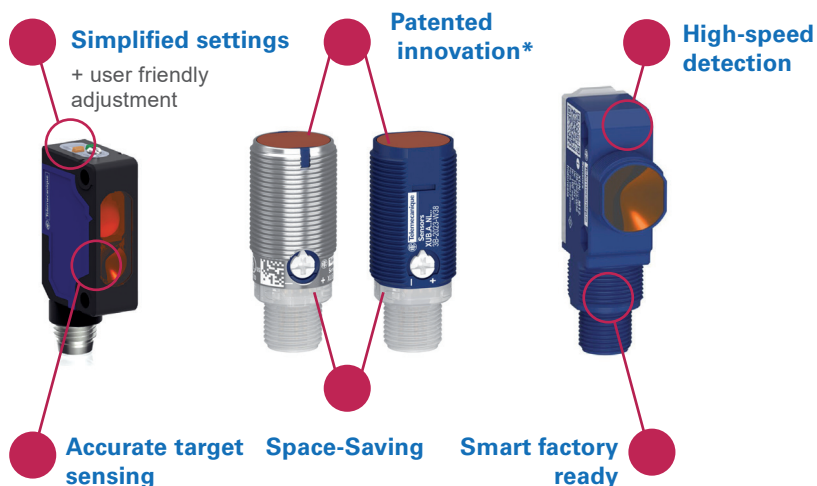


Focused on 3 core values – **Simplicity, Proximity and Expertise** – we have become experts in factory automation sensors as well as specialists in demanding applications, making our customers' lives "Simply easy!"

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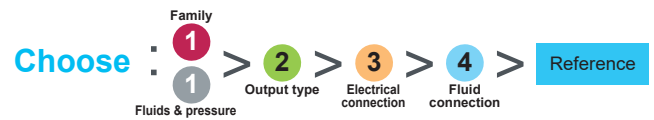


SPOTLIGHT: Photoelectric sensors XUM XUB XUN



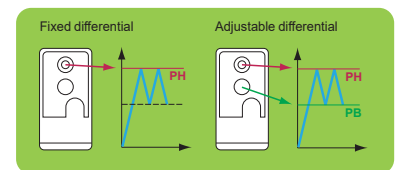
*Small reflector placed on "thru beam" sensors, reaching up to 30m, enabling the user to align the sensors in less than 4 minutes (compared to 15 minutes previously). This reduces installation time by a factor of 3!

Pressure switches: XM Range



XMLA / XMLB Electromechanical		Hydraulic oils, air, fresh water, sea water / Temp. : up to 70° C						Hydraulic oils, air, fresh water, sea water / Temp. : up to 160° C					
Screw terminal	Bar	psi	1 C/O single pole contact fixed differential			1 C/O single pole contact adjustable differential							
			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											
	Bar	psi	ISO M20	Pg13	DIN connector	ISO M20	Pg13	DIN connector	ISO M20	Pg13	DIN connector		
G 1/4 (female)	1	14.5	XMLA001R2S12	XMLA001R2S11	XMLA001R2C11	XMLB001R2S12	XMLB001R2S11	XMLB001R2C11	XMLB001R2S12	XMLB001R2S11	XMLB001R2C11		
	70	1015	XMLA070D2S12	XMLA070D2S11	XMLA070D2C11	XMLB070D2S12	XMLB070D2S11	XMLB070D2C11	XMLB070D2S12	XMLB070D2S11	XMLB070D2C11		
	160	2320	XMLA160D2S12	XMLA160D2S11	XMLA160D2C11	XMLB160D2S12	XMLB160D2S11	XMLB160D2C11	XMLB160D2S12	XMLB160D2S11	XMLB160D2C11		
	300	4350	XMLA300D2S12	XMLA300D2S11	XMLA300D2C11	XMLB300D2S12	XMLB300D2S11	XMLB300D2C11	XMLB300D2S12	XMLB300D2S11	XMLB300D2C11		
	500	7250	XMLA500D2S12	XMLA500D2S11	XMLA500D2C11	XMLB500D2S12	XMLB500D2S11	XMLB500D2C11	XMLB500D2S12	XMLB500D2S11	XMLB500D2C11		

XMLR Electronic + Display		Hydraulic oils, air, fresh water, refrigerant fluids			
		-20... +80° C		Analog output	
M12 4 pin or 5 pin	Bar	psi	4...20 mA	0...10 V	Analog + 2 switching outputs
					PNP - NO/NC programmable
			4...20 mA		
					XMLRM01G2P25
					XMLR010G2P25
					XMLR016G2P25
					XMLR040G2P25
				XMLR250M2P25	
				XMLR400M2P25	

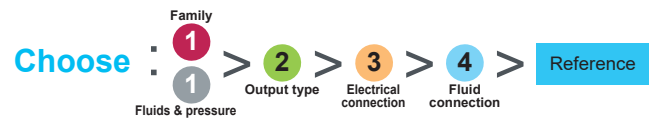


Cabling XM			PUR pre wired connectors (female) (3)				PUR Jumper cables		
			Connectors (female)						
			straight	elbowed	straight	elbowed	straight	elbowed	straight
(1)	4 pin	XZCC12FDM40B	XZCC12FCM40B	XZCP1141L2	XZCP1241L2	XZCP1340L2	XZCR1511041C1	XZCR1512041C1	XZCR1511041C1
(2)	4 pin	XZCC12FDP40B	XZCC12FCP40B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

(1) Steel ring (2) Plastic ring

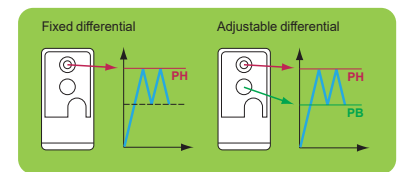
(3) For a PVC cable, add the letter V after the P. Example: XZCPpppppp become XZCPVpppppp

Pressure switches: XM Range



XMLA / XMLB Electromechanical		Hydraulic oils, air, fresh water, sea water / Temp. : up to 70° C						
Screw terminal	Bar	psi	1 C/O single pole contact fixed differential			1 C/O single pole contact adjustable differential		
			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								
	Bar	psi						
	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						
		-20... +80° C		Analog output		Analog + 2 switching outputs		
M12 4 pin or 5 pin	Bar	psi	4...20 mA		0...10 V		PNP - NO/NC programmable	
							4...20 mA	
	-1	-14.5	XMLRM01G0T25		XMLRM01G0T75		XMLRM01G2P25	
	1	14.5	XMLR001G0T25		XMLR001G0T75			
	2.5	35.2	XMLR2D5G0T25		XMLR2D5G0T75			
	10	145	XMLR010G0T25		XMLR010G0T75		XMLR010G2P25	
	16	232	XMLR016G0T25		XMLR016G0T75		XMLR016G2P25	
	25	362	XMLR025G0T25		XMLR025G0T75			
	40	580	XMLR040G0T25		XMLR040G0T75		XMLR040G2P25	
	100	1450	XMLR100M0T25		XMLR100M0T75			
	160	2320	XMLR160M0T25		XMLR160M0T75			
	250	3625	XMLR250M0T25		XMLR250M0T75		XMLR250M2P25	
	400	5800	XMLR400M0T25		XMLR400M0T75		XMLR400M2P25	
	600	8700	XMLR600M0T25		XMLR600M0T75			



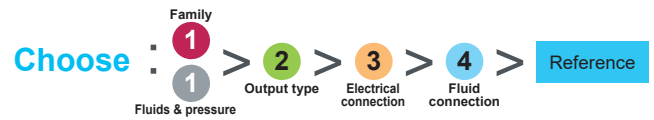
 G 1/4A (female)	Hydraulic oils, air, fresh water, refrigerant fluids		Analog + switching output		2 switching outputs	
	-20... +80° C		PNP - NO/NC programmable		PNP - NO/NC programmable	
	Bar	psi	4...20 mA	0...10 V		
	-1	-14.5	XMLRM01G1P25	XMLRM01G1P75	XMLRM01G2P05	
	1	14.5	XMLR001G1P25	XMLR001G1P75	XMLR001G2P05	
	2.5	35.2	XMLR2D5G1P25	XMLR2D5G1P75	XMLR2D5G2P05	
	10	145	XMLR010G1P25	XMLR010G1P75	XMLR010G2P05	
	16	232	XMLR016G1P25	XMLR016G1P75	XMLR016G2P05	
	25	362	XMLR025G1P25	XMLR025G1P75	XMLR025G2P05	
	40	580	XMLR040G1P25	XMLR040G1P75	XMLR040G2P05	
	100	1450	XMLR100M1P25	XMLR100M1P75	XMLR100M2P05	
	160	2320	XMLR160M1P25	XMLR160M1P75	XMLR160M2P05	
	250	3625	XMLR250M1P25	XMLR250M1P75	XMLR250M2P05	
	400	5800	XMLR400M1P25	XMLR400M1P75	XMLR400M2P05	
600	8700	XMLR600M1P25	XMLR600MP75	XMLR600M2P05		

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

(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



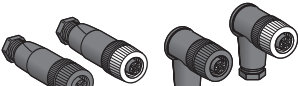
XMLP Electronic transmitter	Hydraulic oils, air, fresh water				
	-30...+85° C		Analog output		
M12 4 pin (male)	Bar	psi	4...20 mA	0...10 V	0.5...4.5 V
	-1	-14.5	XMLPM00GD21F	XMLPM00GD71F	XMLPM00GD11F
	1	14.5	XMLP001GD21F	XMLP001GD71F	XMLP001GD11F
	6	87	XMLP006GD21F	XMLP006GD71F	XMLP006GD11F
	10	145	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	4-20 mA analog + switching output		2 switching outputs	
	NO/NC Programmable		NO/NC Programmable	
M12 4 pin (male)	Window		Hysteresis	
PNP	ZMLPA1P2SW		ZMLPA1P2SH	
	Fixed hysteresis		ZMLPA2P0SH	

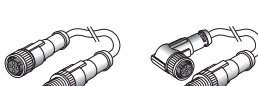
Only usable with 4-20mA analog output XMLP electronic transmitter




Quick mounting bracket		Horizontal plan	Vertical plan or pipe
		XMLPZLH01	XMLPZLV01







Cabling XM

		Connectors (female)	
M12		straight	elbowed
(1)	4 pin	XZCC12FDM40B	XZCC12FCM40B
(2)	4 pin	XZCC12FDP40B	XZCC12FCP40B
(1)	5 pin	XZCC12FDM50B	XZCC12FCM50B

(1) Steel ring (2) Plastic ring

PUR pre wired connectors (female) (3)

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

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

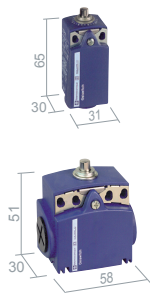
PUR Jumper cables

M12 (female)		straight	elbowed
M12 (male)		straight	straight
4 pin	1 m	XZCR1511041C1	XZCR1512041C1
	2 m	XZCR1511041C2	XZCR1512041C2

Limit switches: XC Range

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

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	XCMD2102M12	XCMD2124M12	XCMD21F0M12	XCMD21F2M12	XCMD2115M12	XCMD2116M12



XCSM Metal	Safety contacts (3)	Cable 1m	XCSM3710L1	XCSM3702L1	2NC+2NO Snap	Cable 1m	XCSM4110L1	XCSM4102L1
		Cable 2m	XCSM3710L2	XCSM3702L2		Cable 2m	XCSM4110L2	XCSM4102L2
	2NC+NO Slow	Cable 5m	XCSM3710L5	XCSM3702L5		Cable 5m	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	XCKL110	XCKL102	XCKL121	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		



XCSPA Plastic	M16	NC+N0 Slow	XCSPA592	XCSPA792	XCSPA892	XCSPA992	XCSPA492	Accessories	
		Pg11	XCSPA591	XCSPA791	XCSPA891	XCSPA991	XCSPA491	XCSZ11	XCSZ13
		1/2NPT	XCSPA593	XCSPA793	XCSPA893	XCSPA993	XCSPA493		

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

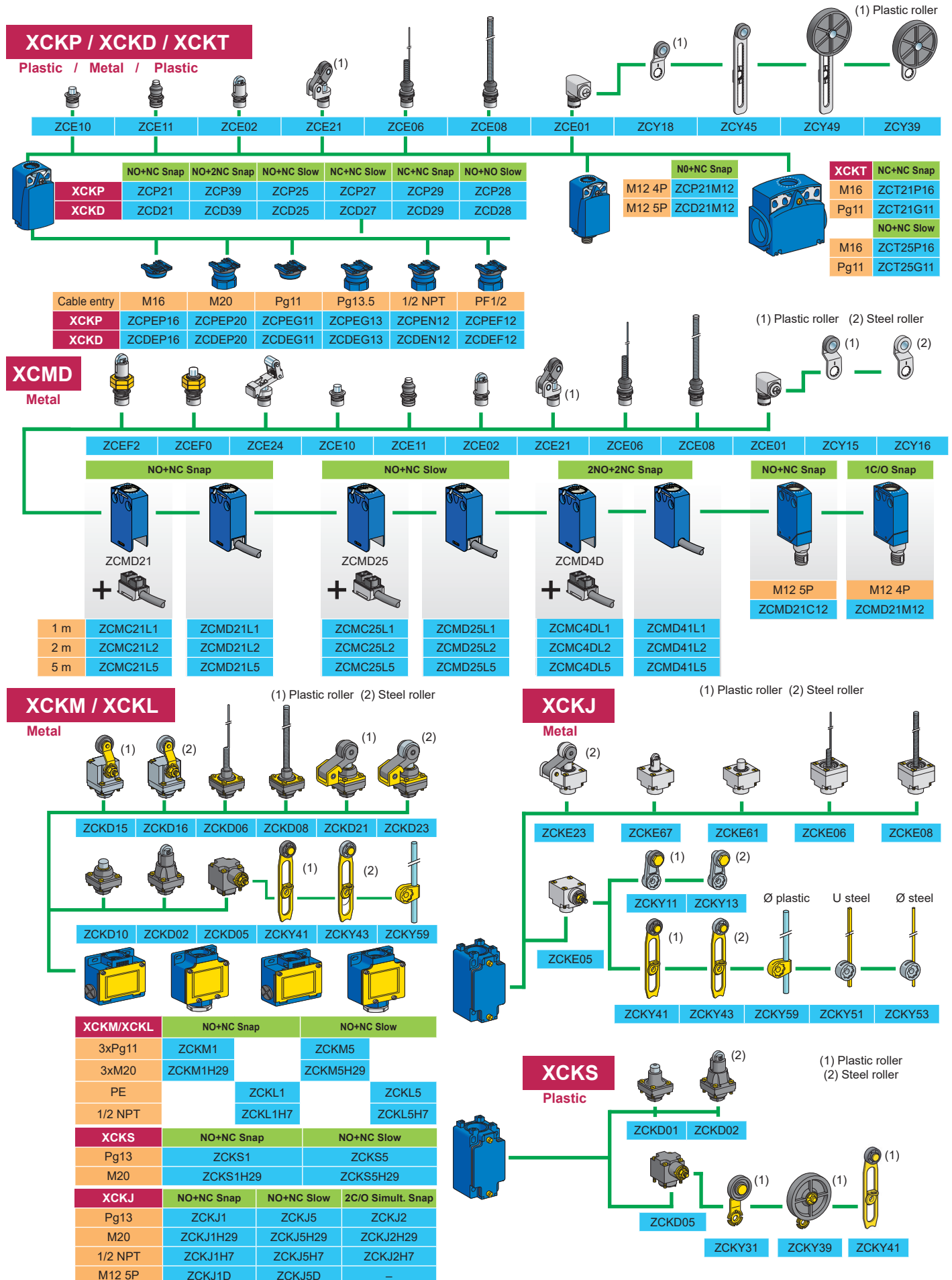
Cabling XC

Cabling XC					PUR pre wired connectors (female) (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						

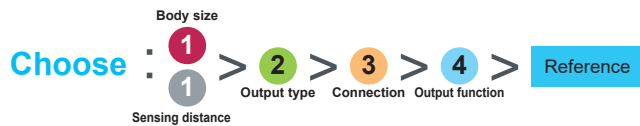
(2) Steel ring (3) Plastic ring

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

Limit switches: XC Range



Inductives: XS Range



Flush mountable

Short

Long

			M8		M12		
			1.5 mm	2.5 mm	2 mm	4 mm	
DC3 PNP cable connector NPN cable connector			XS508B1PAL2	XS108B3PAL2	XS512B1PAL2	XS112B3PAL2	
			XS508B1PAM8	XS108B3PAM8	XS512B1PAM12	XS112B3PAM12	
			XS508B1NAL2	XS108B3NAL2	XS512B1NAL2	XS112B3NAL2	
			XS508B1NAM8	XS108B3NAM8	XS512B1NAM12	XS112B3NAM12	
	DC2		cable	XS508BSCAL2	XS608B3CAL2	XS512BSDAL2	XS612B3DAL2
			connector	XS508BSCAL01M12	XS608B3CAL01M12	XS512BSDAM12	XS612B3DAM12
	DC3	PNP	cable	XS508BLPAL2	XS608B1PAL2	XS512BLPAL2	XS612B1PAL2
			connector	XS508BLPAM12	XS608B1PAM12	XS512BLPAM12	XS612B1PAM12
NPN		cable	XS508BLNAL2	XS608B1NAL2	XS512BLNAL2	XS612B1NAL2	
		connector	XS508BLNAM12	XS608B1NAM12	XS512BLNAM12	XS612B1NAM12	
DC2		cable	XS508B1DAL2	XS608B1DAL2	XS512B1DAL2	XS612B1DAL2	
		connector	XS508B1DAM12	XS608B1DAM12	XS512B1DAM12	XS612B1DAM12	
AC/DC		cable			XS512B1MAL2	XS612B1MAL2	
		connector			XS512B1MAU20	XS612B1MAU20	
Output function	NO		A	A	A	A	
	NC		B	B	B	B	
	NO + NC					(short only) C	



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	XS7J1A1NAL01M8	XS7F1A1NAL01M8	XS7E1A1NAM8	XS7C1A1NAM8
	DC2		cable	XS7J1A1DAL2	XS7F1A1DAL2	XS7E1A1DAL2	XS7C1A1DAL2
			connector	XS7J1A1DAL01M8	XS7F1A1DAL01M8	XS7E1A1DAM8	XS7C1A1DAM8

			U 26x26x13 mm		U 40x40x15 mm
			15 mm	25 mm	
Flush adaptable mountable	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
		NC		B	B



XSprrrrrrrrM8:
Connector M8 3 pin

XSprrrrrrrrM12:
Connector M12 4 pin

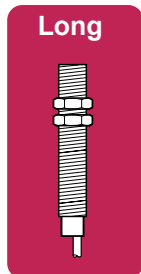
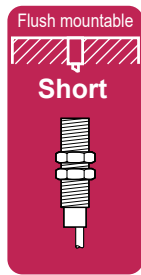
XSprrrrrrrrU20:
Connector 1/2" 3 pin

Cabling XS

Cabling XS		PUR pre wired connectors (female) (1)	
M8		straight	elbowed
3 pin	2 m	XZCP0566L2	XZCP0666L2
	5 m	XZCP0566L5	XZCP0666L5
	10 m	XZCP0566L10	XZCP0666L10
1/2"			
	3 pin	5 m	XZCP1865L5

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

Inductives: XS Range



			M18		M30	
Sensing distance			5 mm	8 mm	10 mm	15 mm
DC3	PNP	cable	XS518B1PAL2	XS118B3PAL2	XS530B1PAL2	XS130B3PAL2
		connector	XS518B1PAM12	XS118B3PAM12	XS530B1PAM12	XS130B3PAM12
	NPN	cable	XS518B1NAL2	XS118B3NAL2	XS530B1NAL2	XS130B3NAL2
		connector	XS518B1NAM12	XS118B3NAM12	XS530B1NAM12	XS130B3NAM12
DC2	cable		XS518BSDAL2	XS618B3DAL2	XS530BSDAL2	XS630B3DAL2
	connector		XS518BSDAM12	XS618B3DAM12	XS530BSDAM12	XS630B3DAM12
DC3	PNP	cable	XS518BLPAL2	XS618B1PAL2	XS530BLPAL2	XS630B1PAL2
		connector	XS518BLPAM12	XS618B1PAM12	XS530BLPAM12	XS630B1PAM12
	NPN	cable	XS518BLNAL2	XS618B1NAL2	XS530BLNAL2	XS630B1NAL2
		connector	XS518BLNAM12	XS618B1NAM12	XS530BLNAM12	XS630B1NAM12
DC2	cable		XS518B1DAL2	XS618B1DAL2	XS530B1DAL2	XS630B1DAL2
	connector		XS518B1DAM12	XS618B1DAM12	XS530B1DAM12	XS630B1DAM12
AC/DC	cable		XS518B1MAL2	XS618B1MAL2	XS530B1MAL2	XS630B1MAL2
	connector		XS518B1MAU20	XS618B1MAU20	XS530B1MAU20	XS630B1MAU20
Output function	NO		A		A	
	NC		B		B	
	NO + NC		(short only) C		(short only) C	

Accessories



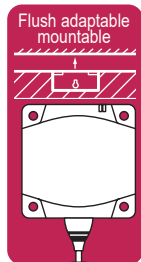
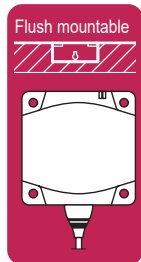
M8	XSZB108
M12	XSZB112
M18	XSZB118
M30	XSZB130



Screw terminal
M 20

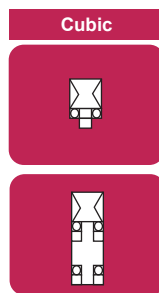


Connector
M 12, 4 pin

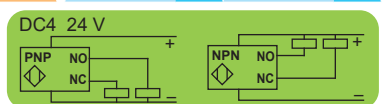
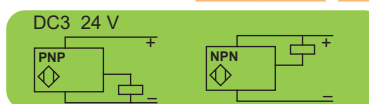


			U 80x80x26 mm	
Sensing distance			40 mm	
DC3	PNP	cable	XS7D1A1PAL2	
		connector	XS7D1A1PAM12	
	NPN	cable	XS7D1A1NAL2	
		connector	XS7D1A1NAM12	
DC2	cable		XS7D1A1DAL2	
	connector		XS7D1A1DAM12	

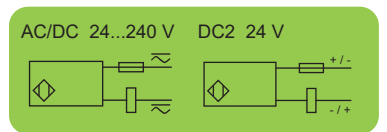
			U 80x80x26 mm	
Sensing distance			60 mm	
DC3	PNP	cable	XS8D1A1PAL2	
		connector	XS8D1A1PAM12	
	NPN	cable	XS8D1A1NAL2	
		connector	XS8D1A1NAM12	
AC/DC	cable		XS8D1A1MAL2	
	connector		XS8D1A1MAU20	
Output function	NO		A	
	NC		B	



U 40x40x117 mm		
DC4	PNP	NO+NC
	NPN	NO+NC
DC2		NO
AC/DC		NO
DC4	PNP	NO+NC
	NPN	NO+NC
DC2		NO or NC
AC/DC		NO or NC



Accessories		
For 26x26	XSZBE00	XSZBE90
For 40x40	XSZBC00	XSZBC90



Rotation monitoring: XSAV Range

Choose : 1 Speed > 2 Output Type > Reference

			Sensing distance		Low Speed	High Speed
					10 mm	10 mm
M30	Flush	cable	Output type	DC3-PNP	XSAV11373	XSAV12373
				AC/DC	XSAV11801	XSAV12801

Cabling XS

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: XZCPpppppp become

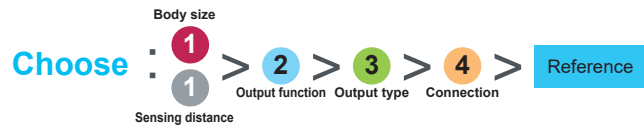
SAV12801



		Connectors (female)	
		straight	elbowed
M12	4 pin (2)	XZCC12FDM40B	XZCC12FCM40B
	4 pin (3)	XZCC12FDP40B	XZCC12FCP40B

(2) Steel ring (3) Plastic ring

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				XX918A3C2M12	XXA18P1PM12	XXA18B1PM12	XXA18S1PM12	
							XXS18P1AM12	XXS18B1AM12	XXS18S1AM12	
							XXA18P1AM12	XXA18B1AM12	XXA18S1AM12	
							XXS18P1VM12	XXS18B1VM12	XXS18S1VM12	
						XX918A3F1M12	XXA18P1VM12	XXA18B1VM12	XXA18S1VM12	

(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

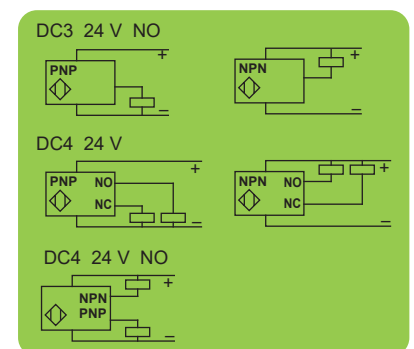
(2) Configurable with XXZBOX01 by software

(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



XUZ 2001	M12	XUZB2012		For XX7K	M12	XXZ12
XUZ 2003	M18	XUZB2003		Flat	M18	XUZA118
	M30	XUZB2030		Cranked	M30	XXZ30
					XX7F	XXZ1933
						Adjustable XXZPB100

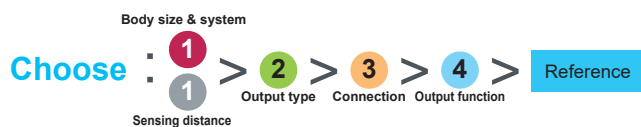
Photo-electrics: XU Range

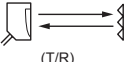
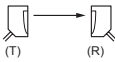
 (T/R)						Sensing distance				Compact 50x50 mm				Compact 92x71 mm	
Diffuse	1 m	DC3	PNP	cable	XUK5APANL2	2.1 m	DC3	PNP	terminals	XUX5APANT16					
				connector 4P	XUK5APANM12				connector 4P	XUX5APANM12					
			NPN	cable	XUK5ANANL2			NPN	terminals	XUX5ANANT16					
				connector 4P	XUK5ANANM12				connector 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	XUK0ARCTL2	AC/DC	Relay	terminals	XUX0ARCTT16
		Background Suppression: 0.28 m			Diffuse: 0.8 m		Background Suppression: 1.3 m		
		Polarized reflex: 4 m			Thru-beam: 30 m		Diffuse: 2 m		
Accessory: Transmitter		DC		cable	XUK0AKSAL2T	DC		terminals	XUX0AKSAT16T
				connector 4P	XUK0AKSAM12T			connector 4P	XUX0AKSAM12T
		AC/DC		cable	XUK0ARCTL2T	AC/DC		terminals	XUX0ARCTT16T

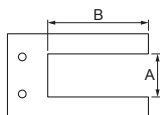
Photo-electrics: XU Range

XU miniature, cylindrical and hybrid mode!

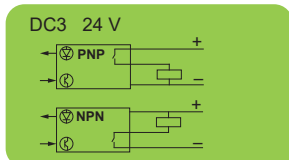


Sensing distance				M18 metal			M18 plastic			Hybrid			Miniature		
Diffuse  (T/R)	1 m	DC4	PNP	cable	XUB5BPXNL2	XUB5APXNL2	XUN5APXNL2	1.9 m	XUM5APXBL2						
				connector 4P	XUB5BPXNM12	XUB5APXNM12	XUN5APXNM12		XUM5APXBM8						
		NPN	cable	XUB5BNXNL2	XUB5ANXNL2	XUN5ANXNL2	XUM5ANXBL2								
			connector 4P	XUB5BNXNM12	XUB5ANXNM12	XUN5ANXNM12	XUM5ANXBM8								
		lo-Link	XUB5BPYNM12	XUB5APYNM12											
	0.5 m	DC4	PNP	cable	XUB6BPXNL2	XUB6APXNL2	XUN6APXNL2	1.1 m	XUM6APXBL2						
				connector 4P	XUB6BPXNM12	XUB6APXNM12	XUN6APXNM12		XUM6APXBM8						
		NPN	cable	XUB6BNXNL2	XUB6ANXNL2	XUN6ANXNL2	XUM6ANXBL2								
			connector 4P	XUB6BNXNM12	XUB6ANXNM12	XUN6ANXNM12	XUM6ANXBM8								
		lo-Link	XUB6BPYNM12	XUB6APYNM12											
Background Suppression  Background suppression (BGS)	0.3 m	DC4	PNP	cable	XUB8BPXNL2	XUB8APXNL2	XUN8APXNL2	0.3 m	XUM8APXBL2						
				connector 4P	XUB8BPXNM12	XUB8APXNM12	XUN8APXNM12		XUM8APXBM8						
		NPN	cable	XUB8BNXNL2	XUB8ANXNL2	XUN8ANXNL2	XUM8ANXBL2								
			connector 4P	XUB8BNXNM12	XUB8ANXNM12	XUN8ANXNM12	XUM8ANXBM8								
		lo-Link	XUB8BPYNM12	XUB8APYNM12											
	Polarized Reflex  (T/R)	7 m	DC4	PNP	cable	XUB9BPXNL2	XUB9APXNL2	XUN9APXNL2	8 m	XUM9APXBL2					
					connector 4P	XUB9BPXNM12	XUB9APXNM12	XUN9APXNM12		XUM9APXBM8					
			NPN	cable	XUB9BNXNL2	XUB9ANXNL2	XUN9ANXNL2	XUM9ANXBL2							
				connector 4P	XUB9BNXNM12	XUB9ANXNM12	XUN9ANXNM12	XUM9ANXBM8							
			lo-Link	XUB9BPYNM12	XUB9APYNM12										
Accessory: Reflector				XUZC50	XUZC50	XUZC50	XUZC50								
Thru-beam receiver  (R)		30 m	DC4	PNP	cable	XUB2BPXNL2R	XUB2APXNL2R	XUN2APXNL2R	30 m	XUM2APXBL2R					
					connector 4P	XUB2BPXNM12R	XUB2APXNM12R	XUN2APXNM12R		XUM2APXBM8R					
			NPN	cable	XUB2BNXNL2R	XUB2ANXNL2R	XUN2ANXNL2R	XUM2ANXBL2R							
				connector 4P	XUB2BNXNM12R	XUB2ANXNM12R	XUN2ANXNM12R	XUM2ANXBM8R							
			lo-Link	XUB2BPYNM12R	XUB2APYNM12R										
	Transmitter				cable	XUB2BKXNL2T	XUB2BKXNL2T	XUN2AKXNL2T	XUM2AKXNL2T						
					connector 4P	XUB2BKXNM12T	XUB2BKXNM12T	XUN2AKXNM12T	XUM2AKXNM12T						
	Thru-beam  (T) (R)	30 m	DC4	PNP	cable	XUB2BPXNL2	XUB2APXNL2	XUN2APXNL2	30 m	XUM2APXBL2					
					connector 4P	XUB2BPXNM12	XUB2APXNM12	XUN2APXNM12		XUM2APXBM8					
			NPN	cable	XUB2BNXNL2	XUB2ANXNL2	XUN2ANXNL2	XUM2ANXBL2							
				connector 4P	XUB2BNXNM12	XUB2ANXNM12	XUN2ANXNM12	XUM2ANXBM8							
lo-Link			XUB2BPYNM12R	XUB2APYNM12R											

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
		NC		B	B	B

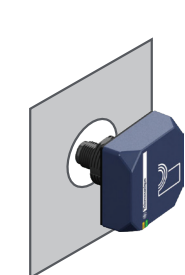


Cabling XX & XUV

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

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

RFID Systems: XG Range



Panel mounting (1)

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
XGCS491B201	XGCS49LB201	XGCS490B201

(1) compatible with ZB5AZ905 and XGSZCNFAC



Screw mounting

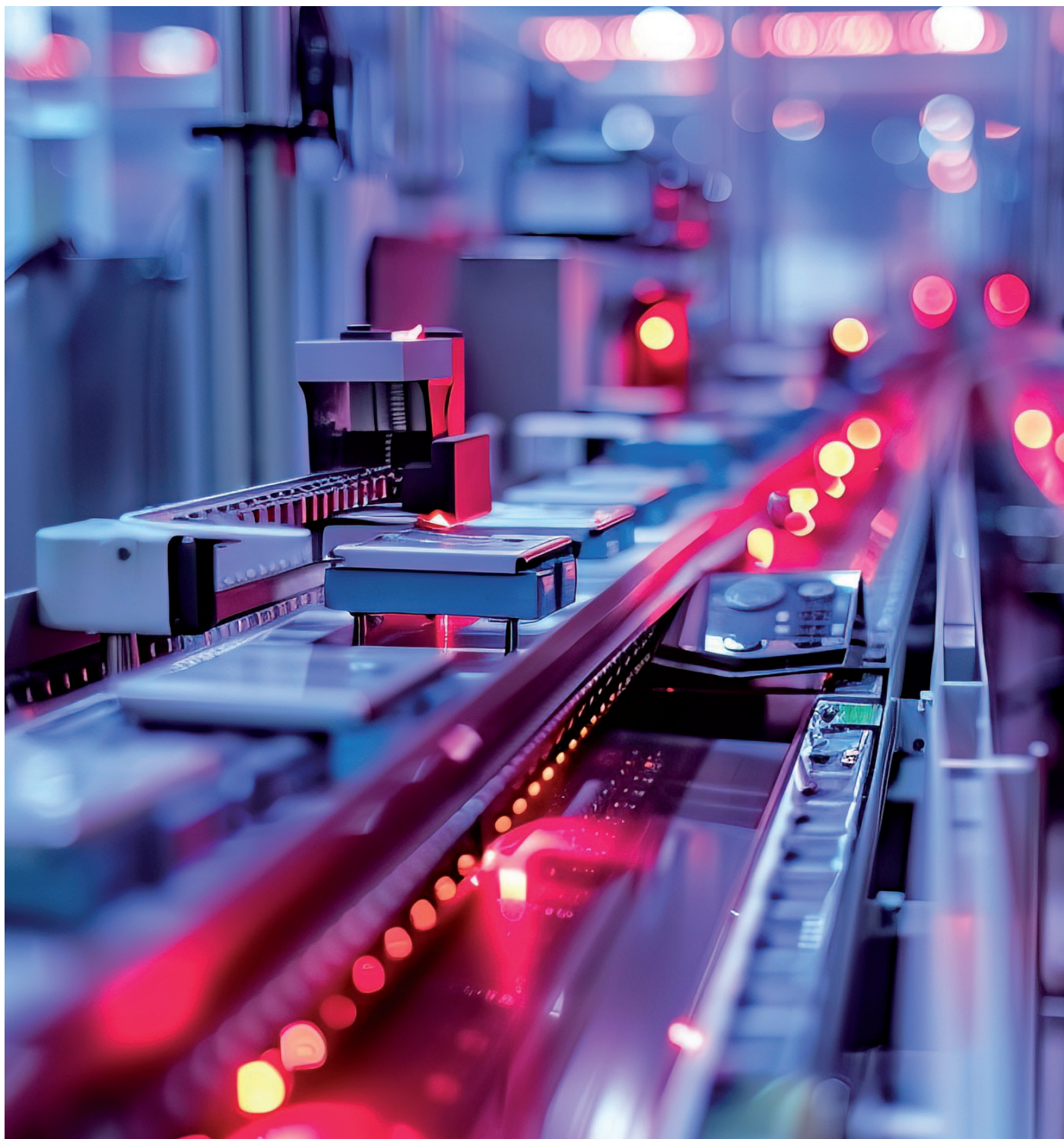
		
Compact 40x40mm	Compact 80x80mm	
Sensing distance 18-70mm	Sensing distance 20-100mm	
Modbus RTU		Modbus TCP & Ethernet/IP
Blue body, connector and cable by side		
XGCS4901201	XGCS8901201	XGCS850C201



Accessories

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		

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