
Telemecanique Sensors

Detection components

Panorama



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Telemecanique
Sensors

Telemecanique Sensors

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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: Wireless

Limit switches: XC Wireless

Choose : 1 > 2 > 3 > 4 > Reference
 Body Head Contact Connection



XCMW

Snap Action

One way pulsed wireless transmission



Metal Roller Plunger

XCMW102



Metal End Plunger

XCMW110



Plastic Roller Lever

XCMW115



Metal Roller Lever

XCMW116



Adjustable Length Plastic Roller Lever

XCMW145

Receivers

Choose : 1 > 2 > 3 > Reference
 Body Connection Output function



ZBRR

32 Transmitters



4xPNP

ZBRC



2xRelays

ZBRRD

XZBW

2 Transmitters



2 x PNP (Q1 & Q2)

XZBWR2STT24

Radio transmitter

Connects to any sensor or switch!

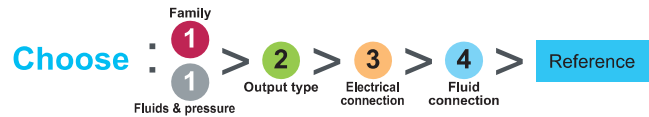



NO


2-way continuous Wireless transmission

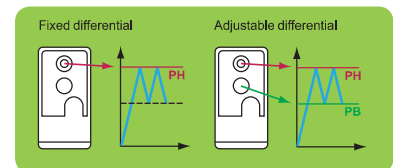
XZBWE112A24

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	
		-1	-14,5	XMLAM01V2S12	XMLAM01V2S11	XMLAM01V2C11	XMLBM02V2S12
		2,5	36,3	XMLA002A2S12	XMLA002A2S11	XMLA002A2C11	XMLBM02V2S11
		4	58	XMLA004A2S12	XMLA004A2S11	XMLA004A2C11	XMLBM02V2C11
		10	145	XMLA010A2S12	XMLA010A2S11	XMLA010A2C11	XMLBM002A2S12
		20	290	XMLA020A2S12	XMLA020A2S11	XMLA020A2C11	XMLBM002A2S11
		35	508	XMLA035A2S12	XMLA035A2S11	XMLA035A2C11	XMLBM004A2S12
		Bar	psi	ISO M20	Pg13	DIN connector	
		70	1015	XMLB004A2S11	XMLB004A2S11	XMLB004A2C11	XMLBM010A2S12
		160	2320	XMLB010A2S12	XMLB010A2S11	XMLB010A2C11	XMLBM020A2S12
		300	4350	XMLB020A2S11	XMLB020A2S11	XMLB020A2C11	XMLB035A2S12
		500	7250	XMLB035A2S11	XMLB035A2S11	XMLB035A2C11	XMLB001R2S11

XMLR Electronic + Display		Hydraulic oils, air, fresh water, refrigerant fluids					
M12 4 pin or 5 pin		-20... +80° C					
		Bar	psi	Analog output		Analog + 2 switching outputs	
				4...20 mA	0...10 V	PNP - NO/NC programmable	
		-1	-14,5	XMLRM01G0T25	XMLRM01G0T75	4...20 mA	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		
		Bar	psi	Analog + switching output		2 switching outputs	
				4...20 mA	0...10 V	PNP - NO/NC programmable	
		-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	XMLR600M1P75		XMLR600M2P05

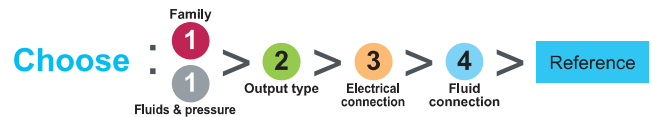


Cabling XM			Connectors (female)			PUR pre wired connectors (female)*			PUR Jumper cables		
M12			straight	elbowed		M12	straight	elbowed	M12 (female)	straight	elbowed
(1)	4 pin	XZCC12FDM40B	XZCC12FCM40B		4 pin	2 m	XZCP1141L2	XZCP1241L2			
(2)	4 pin	XZCC12FDP40B	XZCC12FCP40B			5 m	XZCP1141L5	XZCP1241L5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

(1) Steel ring (2) Plastic ring

* For a PVC cable, add the letter V after the P. Example: XZCPxxxxx become XZCPVxxxxx



Pressure switches: XM Range



XMLP Electronic transmitter	Hydraulic oils, air, fresh water		Analog output		
	-30...+85° C		4...20 mA	0...10 V	0.5...4.5 V
M12 4 pin (male)	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
G 1/4A (male)	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	Fixed hysteresis	
PNP	ZMLPA1P2SW	ZMLPA1P2SH	ZMLPA2P0SH	

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

Quick mounting bracket	Horizontal plan	Vertical plan or pipe
	XMLPZLH01	XMLPZLV01

Cabling XM			PUR pre wired connectors (female)*			PUR Jumper cables		
M12	Connectors (female)		M12	straight	elbowed	M12 (female)	straight	elbowed
(1)	4 pin	XZCC12FDM40B	4 pin	2 m	XZCP1141L2	M12 (male)	straight	straight
(2)	4 pin	XZCC12FDP40B	5 m	XZCP1141L5	XZCP1241L5	4 pin	1 m	XZCR1511041C1
(1)	5 pin	XZCC12FDM50B	10 m	XZCP1141L10	XZCP1241L10	2 m	XZCR1511041C2	XZCR1512041C2

(1) Steel ring (2) Plastic ring

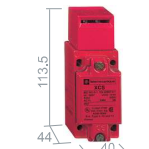
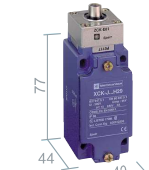
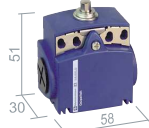
* For a PVC cable, add the letter V after the P. Example: XZCPxxxxx become XZCPVxxxxx

Limit switches: XC Range

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

Body Head Contact Connection

See Page 2 for
**XC Wireless
SPOTLIGHT!**



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
	NO+NC Slow	1 m	XCMD2510L1	XCMD2502L1	XCMD2524L1	XCMD25F0L1	XCMD25F2L1	XCMD2515L1
	NO+NC Snap	M12 5P	XCMD2110C12	XCMD2102C12	XCMD2124C12	XCMD21F0C12	XCMD21F2C12	XCMD2115C12
	1 C/O Snap	M12 4P	XCMD2110M12	XCMD2102M12	XCMD2124M12	XCMD21F0M12	XCMD21F2M12	XCMD2115M12

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

			NC+2NO Slow	2NC+NO Slow	3NC Slow	Accessories	
XCSA Metal	M20		XCSA502	XCSA702	XCSA802	XCSZ01	XCSZ03
	Pg13		XCSA501	XCSA701	XCSA801		
	1/2NPT		XCSA503	XCSA703	XCSA803		

			NC+N0 Slow	2NC Slow	2NO+NC Slow	2NC+NO Slow	2NC+N0 Snap	Accessories	
XCSPA Plastic	M16		XCSPA592	XCSPA792	XCSPA892	XCSPA992	XCSPA492	XCSZ11	XCSZ13
	Pg11		XCSPA591	XCSPA791	XCSPA891	XCSPA991	XCSPA491		
	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

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

(1) Steel ring (2) Plastic ring

*For a PVC cable, add the letter V after the P. Example: XZCPxxxxx become XZCPVxxxxx

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	ZCPEP16	ZCPEP20	ZCPEG11	ZCPEG13	ZCPEN12	ZCPEF12
XCKD	ZCDEP16	ZCDEP20	ZCDEG11	ZCDEG13	ZCDEN12	ZCDEF12

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

XCMD
Metal

Model	NO+NC Snap	NO+NC Slow	2NO+2NC Snap	NO+NC Snap	1C/O Snap
ZCMD21	ZCMC21L1	ZCMD21L1	ZCMC4DL1	ZCMD21C12	ZCMD21M12
ZCMD25	ZCMC25L1	ZCMD25L1	ZCMC4DL2	ZCMD41L1	
ZCMD4D	ZCMC4DL5	ZCMD41L5			

Model	NO+NC Snap	NO+NC Slow
ZCMD21	ZCMC21L1	ZCMD21L1
ZCMD25	ZCMC25L1	ZCMD25L1
ZCMD4D	ZCMC4DL1	ZCMD41L1

XCKM / XCKL
Metal

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

Model	NO+NC Snap	NO+NC Slow	2C/O Simult. Snap
XCKS	ZCKS1	ZCKS5	
	ZCKS1H29	ZCKS5H29	

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

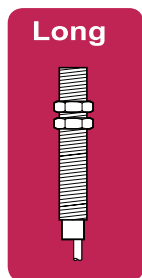
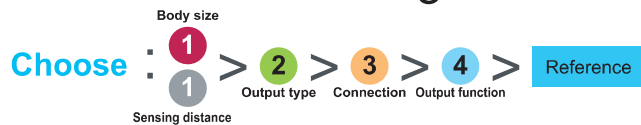
XCKJ
Metal

Model	NO+NC Snap	NO+NC Slow
ZCKE23	ZCKE23	
ZCKE67	ZCKE67	
ZCKE61	ZCKE61	
ZCKE06	ZCKE06	
ZCKE08	ZCKE08	

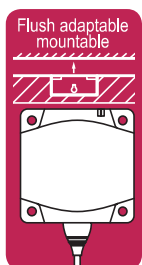
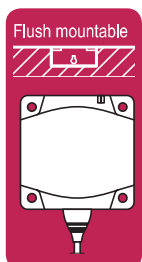
XCKS
Plastic



Model	NO+NC Snap	NO+NC Slow
ZCKD01	ZCKD01	
ZCKD02	ZCKD02	
ZCKD05	ZCKD05	
ZCKY31	ZCKY31	
ZCKY39	ZCKY39	
ZCKY41	ZCKY41	

Inductives: XS Range



			M8		M12	
Sensing distance			1.5 mm	2.5 mm	2 mm	4 mm
DC3	PNP	cable	XS508B1P A L2	XS108B3P A L2	XS512B1P A L2	XS112B3P A L2
		connector	XS508B1P A M8	XS108 B3P A M8	XS512B1P A M12	XS112B3P A M12
	NPN	cable	XS508B1N A L2	XS108B3N A L2	XS512B1N A L2	XS112B3N A L2
		connector	XS508B1N A M8	XS108B3N A M8	XS512B1N A M12	XS112B3N A M12
DC2		cable	XS508BSC A L2	XS608B3C A L2	XS512BSD A L2	XS612B3D A L2
		connector	XS508BSC A L01M12	XS608B3C A L01M12	XS512BSD A M12	XS612B3D A M12
DC3	PNP	cable	XS508BLP A L2	XS608B1P A L2	XS512BLP A L2	XS612B1P A L2
		connector	XS508BLP A M12	XS608B1P A M12	XS512BLP A M12	XS612B1P A M12
	NPN	cable	XS508BLN A L2	XS608B1N A L2	XS512BLN A L2	XS612B1N A L2
		connector	XS508BLN A M12	XS608B1N A M12	XS512BLN A M12	XS612B1N A M12
DC2		cable	XS508B1D A L2	XS608B1D A L2	XS512B1D A L2	XS612B1D A L2
		connector	XS508B1D A M12	XS608B1D A M12	XS512B1D A M12	XS612B1D A M12
AC/DC		cable			XS512B1M A L2	XS612B1M A L2
		connector			XS512B1M A U20	XS612B1M A U20
Output function	NO			A	A	A
	NC			B	B	B
	NO + NC					(short only) C



			8x22x8 mm	15x32x8 mm	26x26x13 mm	40x40x15 mm
Sensing distance			2.5 mm	5 mm	10 mm	15 mm
DC3	PNP	cable	XS7J1A1P A L2	XS7F1A1P A L2	XS7E1A1P A L2	XS7C1A1P A L2
		connector	XS7J1A1P A L01M8	XS7F1A1P A L01M8	XS7E1A1P A M8	XS7C1A1P A M8
	NPN	cable	XS7J1A1N A L2	XS7F1A1N A L2	XS7E1A1N A L2	XS7C1A1N A L2
		connector	XS7J1A1N A L01M8	XS7F1A1N A L01M8	XS7E1A1N A M8	XS7C1A1N A M8
DC2		cable	XS7J1A1D A L2	XS7F1A1D A L2	XS7E1A1D A L2	XS7C1A1D A L2
		connector	XS7J1A1D A L01M8	XS7F1A1D A L01M8	XS7E1A1D A M8	XS7C1A1D A M8
					26x26x13 mm	40x40x15 mm
					15 mm	25 mm
DC3	PNP	cable			XS8E1A1P A L2	XS8C1A1P A L2
		connector			XS8E1A1P A M8	XS8C1A1P A M8
	NPN	cable			XS8E1A1N A L2	XS8C1A1N A L2
		connector			XS8E1A1N A M8	XS8C1A1N A M8
AC/DC		cable			XS8E1A1M A L2	XS8C1A1M A L2
		connector			XS8E1A1M A L01U20	XS8C1A1M A L01U20
Output function	NO			A	A	A
	NC			B	B	B



XS.....M8:
Connector M8 3 pin

XS.....M12:
Connector M12 4 pin

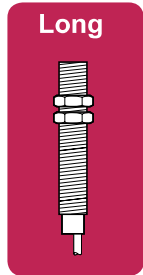
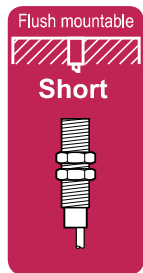
XS.....U20:
Connector 1/2" 3 pin

Cabling XS

		PUR pre wired connectors (female)*	
M8		straight	elbowed
3 pin	2 m	XZCP0566L2	XZCP0666L2
	5 m	XZCP0566L5	XZCP0666L5
	10 m	XZCP0566L10	XZCP0666L10
1/2"	3 pin	XZCP1865L5	XZCP1965L5

*For a PVC cable, add the letter V after the P. Example: XZCPxxxxx become XZCPVxxxxx

Inductives: XS Range



			M18		M30	
Sensing distance			5 mm	8 mm	10 mm	15 mm
DC3	PNP	cable	XS518B1P A L2	XS118B3P A L2	XS530B1P A L2	XS130B3P A L2
		connector	XS518B1P A M12	XS118B3P A M12	XS530B1P A M12	XS130B3P A M12
	NPN	cable	XS518B1N A L2	XS118B3N A L2	XS530B1N A L2	XS130B3N A L2
		connector	XS518B1N A M12	XS118B3N A M12	XS530B1N A M12	XS130B3N A M12
DC2	cable		XS518BSD A L2	XS618B3D A L2	XS530BSD A L2	XS630B3D A L2
	connector		XS518BSD A M12	XS618B3D A M12	XS530BSD A M12	XS630B3D A M12
DC3	PNP	cable	XS518BLP A L2	XS618B1P A L2	XS530BLP A L2	XS630B1P A L2
		connector	XS518BLP A M12	XS618B1P A M12	XS530BLP A M12	XS630B1P A M12
	NPN	cable	XS518BLN A L2	XS618B1N A L2	XS530BLN A L2	XS630B1N A L2
		connector	XS518BLN A M12	XS618B1N A M12	XS530BLN A M12	XS630B1N A M12
DC2	cable		XS518B1D A L2	XS618B1D A L2	XS530B1D A L2	XS630B1D A L2
	connector		XS518B1D A M12	XS618B1D A M12	XS530B1D A M12	XS630B1D A M12
AC/DC	cable		XS518B1M A L2	XS618B1M A L2	XS530B1M A L2	XS630B1M A L2
	connector		XS518B1M A U20	XS618B1M A U20	XS530B1M A U20	XS630B1M A U20
Output function	NO		A		A	
	NC		B		B	
	NO + NC		(short only) C		(short only) C	

Accessories



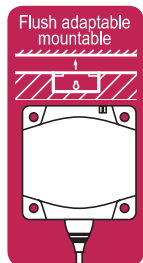
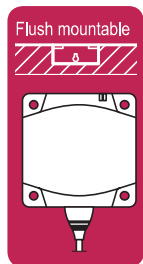
M8	XSZB108
M12	XSZB112
M18	XSZB118
M30	XSZB130





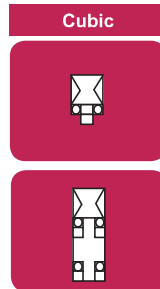
Screw terminal
M 20



Connector
M 12, 4 pin



			80x80x26 mm	
Sensing distance			40 mm	
DC3	PNP	cable	XS7D1A1P	A L2
		connector	XS7D1A1P	A M12
	NPN	cable	XS7D1A1N	A L2
		connector	XS7D1A1N	A M12
DC2	cable		XS7D1A1D	A L2
	connector		XS7D1A1D	A M12
			80x80x26 mm	
Sensing distance			60 mm	
DC3	PNP	cable	XS8D1A1P	A L2
		connector	XS8D1A1P	A M12
	NPN	cable	XS8D1A1N	A L2
		connector	XS8D1A1N	A M12
AC/DC	cable		XS8D1A1M	A L2
	connector		XS8D1A1M	A U20
Output function		NO		A
		NC		B



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

DC3 24 V

Accessories

For 26x26	XSZBE00	XSZBE90
For 40x40	XSZBC00	XSZBC90

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
			10 mm		10 mm	10 mm
M30	Flush	cable	Output type	DC3-PNP	XSAV11373	XSAV12373
				AC/DC	XSAV11801	XSAV12801

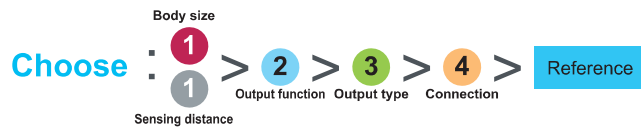
Cabling XS

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

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

(1) Steel ring (2) 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					XX S 18P1PM12	XX S 18B1PM12	XX S 18S1PM12	
							XX A 18P1PM12	XX A 18B1PM12	XX A 18S1PM12	
Analog	DC3	PNP				XX918A3C2M12	XX S 18P1AM12	XX S 18B1AM12	XX S 18S1AM12	
							XX A 18P1AM12	XX A 18B1AM12	XX A 18S1AM12	
	4...20 mA						XX S 18P1VM12	XX S 18B1VM12	XX S 18S1VM12	
						XX918A3F1M12	XX A 18P1VM12	XX A 18B1VM12	XX A 18S1VM12	
	0...10 V									

(1) Adjustable with XXZPB100

(2) Configurable with XXZBOX01 by software

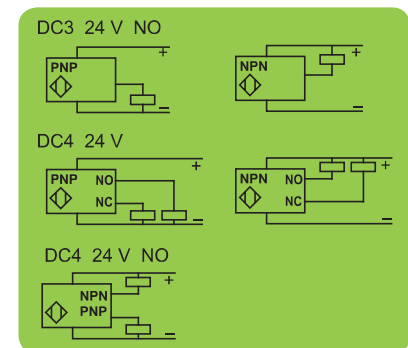
S = straight A = angled

			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	XX S 30P1PM12	XX S 30P2PM12	XXS30P4PM12		XX S 30B1PM12	XX S 30B2PM12	XXS30B4PM12	XX S 30S1PM12	XX S 30S2PM12	XXS30S4PM12
			XX A 30P1PM12	XX A 30P2PM12			XX A 30B1PM12	XX A 30B2PM12		XX A 30S1PM12	XX A 30S2PM12	
	DC4	2 x PNP				XXS30P8PPM12						
Analog	DC3	4...20mA	XX S 30P1AM12	XX S 30P2AM12	XXS30P4AM12		XX S 30B1AM12	XX S 30B2AM12	XXS30B4AM12	XX S 30S1AM12	XX S 30S2AM12	XXS30S4AM12
			XX A 30P1AM12	XX A 30P2AM12			XX A 30B1AM12	XX A 30B2AM12		XX A 30S1AM12	XX A 30S2AM12	
	0...10V		XX S 30P1VM12	XX S 30P2VM12	XXS30P4VM12		XX S 30B1VM12	XX S 30B2VM12	XXS30B4VM12	XX S 30S1VM12	XX S 30S2VM12	XXS30S4VM12
			XX A 30P1VM12	XX A 30P2VM12			XX A 30B1VM12	XX A 30B2VM12		XX A 30S1VM12	XX A 30S2VM12	
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

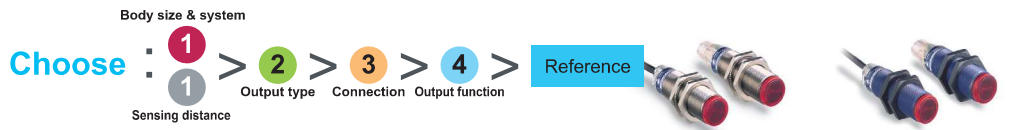
			Flat 7.6x19x33	Flat 16x30x74	Flat 60x30x18 + M18
Sensing distance			0.1 m	0.25 m	0.5 m Adjust. 0.5 m Adjust.
Connectors			M12 4 pin	M12 4 pin	M12 4 pin M12 4 pin
NO	DC3	PNP	XX7F1A2PAL01M12	XX7K1A2PAM12	XX7V1A1PAM12 (1)
		NPN	XX7F1A2NAL01M12	XX7K1A2NAM12	XX7V1A1NAM12 (1)
Analog	4...20 mA				XX9V1A1C2M12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

(1) Adjustable with XXZPB100



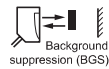
XUZ 2001	M12	XUZB2012		For XX7K	Flat	XXZ3074F		M12	XXZ12
XUZ 2003	M18	XUZB2003			Cranked	XXZ3074S		M18	XUZA118
	M30	XUZB2030						M30	XXZ30
								XX7F	XXZ1933
									Adjustable XXZPB100

Photo-electrics: XU Range



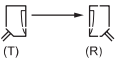
Sensing distance					M18 metal	M18 plastic
	0.6 m	DC3	PNP	cable	XUB5BP A NL2	XUB5AP A NL2
				connector 4P	XUB5BP A NM12	XUB5AP A NM12
		NPN		cable	XUB5BN A NL2	XUB5AN A NL2
				connector 4P	XUB5BN A NM12	XUB5AN A NM12
	0.1 m	DC3	PNP	cable	XUB4BP A NL2	XUB4AP A NL2
				connector 4P	XUB4BP A NM12	XUB4AP A NM12
		NPN		cable	XUB4BN A NL2	XUB4AN A NL2
				connector 4P	XUB4BN A NM12	XUB4AN A NM12

Background Suppression



	Polarized Reflex	2 m	DC3	PNP	cable	XUB9BP A NL2	XUB9AP A NL2
					connector 4P	XUB9BP A NM12	XUB9AP A NM12
				NPN	cable	XUB9BN A NL2	XUB9AN A NL2
					connector 4P	XUB9BN A NM12	XUB9AN A NM12
			Accessory: Reflector			XUZC50	XUZC50

	Reflex	4 m	DC3	PNP	cable	XUB1BP A NL2	XUB1AP A NL2
					connector 4P	XUB1BP A NM12	XUB1AP A NM12
				NPN	cable	XUB1BN A NL2	XUB1AN A NL2
					connector 4P	XUB1BN A NM12	XUB1AN A NM12
			Accessory: Reflector			XUZC50	XUZC50





 (T) (R)	Thru-beam	15 m	DC3	PNP	cable	XUB2BP A NL2R	XUB2AP A NL2R
					connector 4P	XUB2BP A NM12R	XUB2AP A NM12R
				NPN	cable	XUB2BN A NL2R	XUB2AN A NL2R
					connector 4P	XUB2BN A NM12R	XUB2AN A NM12R
			Transmitter		cable	XUB2BKSNL2T	XUB2AKSNL2T
					connector 4P	XUB2BKSNM12T	XUB2AKSNM12T
			Output function		NO	A	A
					NC	B	B



Miniature	
1.9 m	XUM5AP X BL2
	XUM5AP X BM8
	XUM5AN X BL2
	XUM5AN X BM8
1.1 m	XUM6AP X BL2
	XUM6AP X BM8
	XUM6AN X BL2
	XUM6AN X BM8
0.25 m	XUM4AP X BL2
	XUM4AP X BM8
	XUM4AN X BL2
	XUM4AN X BM8
0.3 m	XUM8AP X BL2
	XUM8AP X BM8
	XUM8AN X BL2
	XUM8AN X BM8

8 m	XUM9AP X BL2
	XUM9AP X BM8
	XUM9AN X BL2
	XUM9AN X BM8
XUZC50	

30 m	XUM2AP X BL2
	XUM2AP X BM8
	XUM2AN X BL2
	XUM2AN X BM8
Transmitters are already included	

<div>Multimode</div> <div><div><div>Backscattered suppression (BGS)</div></div><div><div>Diffuse (D)</div></div><div><div>Polarised reflex (P)</div></div><div><div>Thru-beam (TB)</div></div></div> <tr><td>DC3</td><td>PNP</td><td>cable</td><td>XUB0BPSNL2</td><td>XUB0APSNL2</td><td colspan="2">XUM0APSNL2</td></tr> <tr><td></td><td></td><td>connector 4P</td><td>XUB0BPSNM12</td><td>XUB0APSNM12</td><td colspan="2">XUM0APSNM12</td></tr> <tr><td></td><td>NPN</td><td>cable</td><td>XUB0BNSNL2</td><td>XUB0ANSNL2</td><td colspan="2">XUM0ANSNL2</td></tr> <tr><td></td><td></td><td>connector 4P</td><td>XUB0BNSNM12</td><td>XUB0ANSNM12</td><td colspan="2">XUM0ANSNM12</td></tr> <tr><td></td><td colspan="2">Sensing distance</td><td colspan="2">Background Sup: 0.12 m</td><td colspan="2">Diffuse: 0.3 m</td></tr> <tr><td></td><td>Output function</td><td>NO or NC</td><td colspan="2">Polarized reflex: 3 m</td><td colspan="2">Thru-beam: 20 m</td></tr> <tr><td>Transmitter</td><td>DC</td><td>cable</td><td>XUB0BKSNL2T</td><td>XUB0AKSNL2T</td><td colspan="2">XUM0AKSNL2T</td></tr> <tr><td></td><td></td><td>connector 4P</td><td>XUB0BKSNM12T</td><td>XUB0AKSNM12T</td><td colspan="2">XUM0AKSNM12T</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>BGS: 0.1 m</td><td>D: 0.4 m</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>P: 3 m</td><td>TB: 10 m</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td colspan="2">XUM0AKSAM8T</td></tr>	DC3	PNP	cable	XUB0BPSNL2	XUB0APSNL2	XUM0APSNL2				connector 4P	XUB0BPSNM12	XUB0APSNM12	XUM0APSNM12			NPN	cable	XUB0BNSNL2	XUB0ANSNL2	XUM0ANSNL2				connector 4P	XUB0BNSNM12	XUB0ANSNM12	XUM0ANSNM12			Sensing distance		Background Sup: 0.12 m		Diffuse: 0.3 m			Output function	NO or NC	Polarized reflex: 3 m		Thru-beam: 20 m		Transmitter	DC	cable	XUB0BKSNL2T	XUB0AKSNL2T	XUM0AKSNL2T				connector 4P	XUB0BKSNM12T	XUB0AKSNM12T	XUM0AKSNM12T							BGS: 0.1 m	D: 0.4 m						P: 3 m	TB: 10 m						XUM0AKSAM8T	
	DC3	PNP	cable	XUB0BPSNL2	XUB0APSNL2	XUM0APSNL2																																																																							
			connector 4P	XUB0BPSNM12	XUB0APSNM12	XUM0APSNM12																																																																							
		NPN	cable	XUB0BNSNL2	XUB0ANSNL2	XUM0ANSNL2																																																																							
			connector 4P	XUB0BNSNM12	XUB0ANSNM12	XUM0ANSNM12																																																																							
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			connector 4P	XUB0BKSNM12T	XUB0AKSNM12T	XUM0AKSNM12T																																																																							
						BGS: 0.1 m	D: 0.4 m																																																																						
					P: 3 m	TB: 10 m																																																																							
					XUM0AKSAM8T																																																																								

2 4 1 3	XU.....M8: Connector M8 4 pin
4 3 1 2	XU.....M12: Connector M12 4 pin

Cabling XU

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

Reflectors

XUZC24	XUZC80	XUZC50	XUZC100

*For a PVC cable, add the letter V after the P. Example: XZCPxxxxx become XZCPVxxxxx

Photo-electrics: XU Range







				Compact 92x71 mm
2.1 m	DC3	PNP	terminals	XUX5AP A NT16
			connector 4P	XUX5AP A NM12
		NPN	terminals	XUX5AN A NT16
			connector 4P	XUX5AN A NM12
	AC/DC	Relay	terminals	XUX5ARCNT16
				A
				B

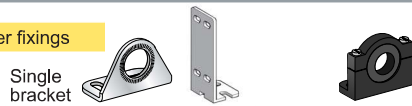
11 m	DC3	PNP	terminals	XUX9AP	ANT16
			connector 4P	XUX9AP	ANM12
		NPN	terminals	XUX9AN	ANT16
			connector 4P	XUX9AN	ANM12
	AC/DC	Relay	terminals	XUX9ARCNT16	
				XUZC50	

14 m	DC3	PNP	terminals	XUX1AP	A NT16
			connector 4P	XUX1AP	A NM12
		NPN	terminals	XUX1AP	A NT16
			connector 4P	XUX1AP	A NM12
	AC/DC	Relay	terminals	XUX1ARCNT16	
				XUZC50	

40 m	DC3	PNP	terminals	XUX2AP	A NT16R
			connector 4P	XUX2AP	A NM12R
		NPN	terminals	XUX2AN	A NT16R
			connector 4P	XUX2AN	A NM12R
	AC/DC	Relay	terminals	XUX0AKSAT	16T
			connector 4P	XUX0AKSAM	12T
			terminals	XUX2ARCNT	16R
			terminals	XUX0ARCTT	16T

Multimode		DC3 PNP/NPN		cable	XUK0AKSAL2	DC3 PNP/NPN		terminals	XUX0AKSAT16
 Background suppression (BGS)	 Diffuse (D)			connector 4P	XUK0AKSAM12			connector 4P	XUX0AKSAM12
		AC/DC	Relay	cable	XUK0ARCTL2	AC/DC	Relay	terminals	XUX0ARCTT16
 Polarised reflex (P)	 Thru-beam (TB)	Background Suppression: 0,28 m			Diffuse: 0.8 m		Background Suppression: 1.3 m		
		Polarized reflex: 4 m			Thru-beam: 30 m		Polarized reflex: 11 m		
Accessory: Transmitter	DC		cable	XUK0AKSAL2T	DC			terminals	XUX0AKSAT16T
			connector 4P	XUK0AKSAM12T				connector 4P	XUX0AKSAM12T
	AC/DC		cable	XUK0ARCTL2T	AC/DC			terminals	XUX0ARCTT16T

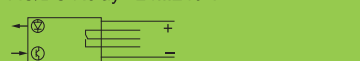
Other fixings



	standard	with ball joint
XUB	XUZA118 (stainless steel)	XUZA218 (plastic)
XUM	XUZA50	—
XUK	XUZA51	—
XUX	XUX2000	—



AC/DC Relay 24...240 V



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

(1) Steel ring (2) Plastic ring

*For a PVC cable, add the letter V after the P. Example: XZCPxxxxxx become XZCPVxxxxxx

