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# Telemecanique Sensors

## Detection components

### Panorama



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: 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!

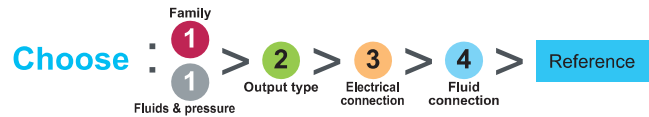



NO


2-way continuous Wireless transmission

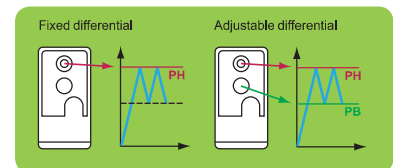
XZBWE112A24

# Pressure switches: XM Range



XMLE / 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	XMLA070D2S12	XMLA070D2S11	XMLA070D2C11	XMLBM004A2S11
		160	2320	XMLA160D2S12	XMLA160D2S11	XMLA160D2C11	XMLBM010A2S12
		300	4350	XMLA300D2S12	XMLA300D2S11	XMLA300D2C11	XMLBM010A2S11
		500	7250	XMLA500D2S12	XMLA500D2S11	XMLA500D2C11	XMLBM020A2S12
							XMLBM020A2S11

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

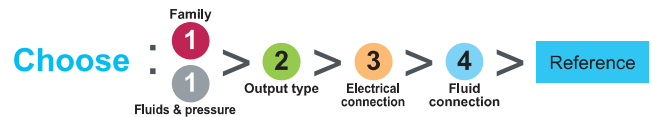


Cabling XM		Connectors (female)		PUR pre wired connectors (female)*				PUR Jumper cables	
M12		straight	elbowed	M12	straight	elbowed	elbowed PNP LED	M12 (female)	straight
(1)	4 pin	XZCC12FDM40B	XZCC12FCM40B	4 pin	2 m	XZCP1141L2	XZCP1241L2	M12 (male)	straight
(2)	4 pin	XZCC12FDP40B	XZCC12FCP40B	5 m	XZCP1141L5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

(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

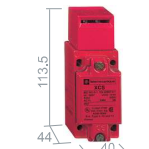
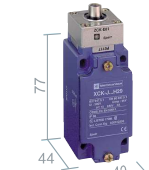
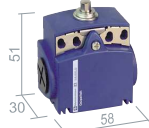
\* For a PVC cable, add the letter V after the P. Example: XZCPxxxxx become XZCPVxxxxx

# Limit switches: XC Range

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

Body Head Contact Connection

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



<b>XCKD</b> <b>Metal</b>	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
<b>XCKP</b> <b>Plastic</b>	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
<b>XCKT</b> <b>Plastic</b>	NO+NC Snap	M16	XCKT2110P16	XCKT2102P16	XCKT2121P16	XCKT2106P16	XCKT2118P16	XCKT2145P16
	Pg11		XCKT2110G11	XCKT2102G11	XCKT2121G11	XCKT2106G11	XCKT2118G11	XCKT2145G11

<b>XCMD</b> <b>Metal</b>	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

<b>XCKM</b> <b>Metal</b>	NO+NC Snap	M20	XCKM110H29	XCKM102H29	XCKM121H29	XCKM115H29	XCKM106H29	
	Pg11		XCKM110	XCKM102	XCKM121	XCKM115	XCKM106	
<b>XCKL</b> <b>Metal</b>	NO+NC Snap	CG	XCKL110	XCKL102	XCKL121	XCKL115	XCKL106	

<b>XCKJ</b> <b>Metal</b>	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	
<b>XCSA</b> <b>Metal</b>	M20		XCSA502	XCSA702	XCSA802	<b>XCSZ01</b>	<b>XCSZ03</b>
	Pg13		XCSA501	XCSA701	XCSA801		
	1/2NPT		XCSA503	XCSA703	XCSA803		

			NC+N0 Slow	2NC Slow	2NO+NC Slow	2NC+NO Slow	2NC+N0 Snap	Accessories	
<b>XCSPA</b> <b>Plastic</b>	M16		XCSPA592	XCSPA792	XCSPA892	XCSPA992	XCSPA492	<b>XCSZ11</b>	<b>XCSZ13</b>
	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

## Cablings XC

Cabling XC		PUR pre wired connectors (female)*			Connectors (female)		
M12		straight	elbowed	elbowed PNP LED	M12	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	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	ZCMC21L1	ZCMD21L1	ZCMC4DL1	ZCMD21C12	ZCMD21M12
ZCMD25	ZCMC25L1	ZCMD25L1	ZCMC4DL2		
ZCMD4D	ZCMC4DL5	ZCMD41L1			

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	3xPg11 ZCKM1	3xPg11 ZCKM5
	3xM20 ZCKM1H29	3xM20 ZCKM5H29
	PE ZCKL1	PE ZCKL5
	1/2 NPT ZCKL1H7	1/2 NPT ZCKL5H7

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

Model	NO+NC Snap	NO+NC Slow	2C/O Simult. Snap
XCKJ	Pg13 ZCKJ1	Pg13 ZCKJ5	Pg13 ZCKJ2
	M20 ZCKJ1H29	M20 ZCKJ5H29	M20 ZCKJ2H29
	1/2 NPT ZCKJ1H7	1/2 NPT ZCKJ5H7	1/2 NPT ZCKJ2H7
	M12 5P ZCKJ1D	M12 5P ZCKJ5D	M12 5P -

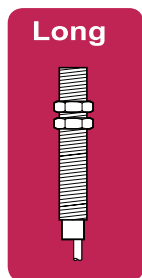
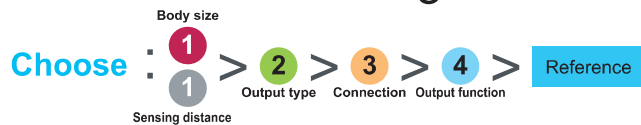
**XCKJ**  
Metal



Model	NO+NC Snap	NO+NC Slow
XCKJ	Pg13 ZCKJ1	Pg13 ZCKJ5
	M20 ZCKJ1H29	M20 ZCKJ5H29
	1/2 NPT ZCKJ1H7	1/2 NPT ZCKJ5H7
	M12 5P ZCKJ1D	M12 5P ZCKJ5D

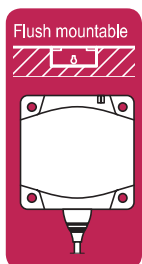
**XCKS**  
Plastic

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

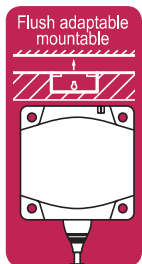
# Inductives: XS Range





			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	XS508B3C	A L2	XS608B3C	A L2	XS512BSD	A L2	XS612B3D	A L2
		connector	XS508B3C	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		A	
	NC		B			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
Sensing distance					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
		NC		B		B



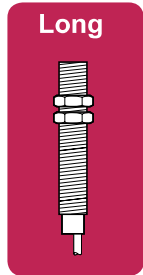
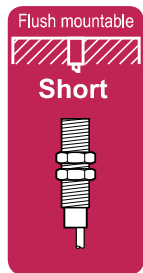
XS.....M8:  
Connector M8 3 pin  
 XS.....M12:  
Connector M12 4 pin  
 XS.....U20:  
Connector 1/2" 3 pin



## 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: XZCPxxxxxx become XZCPVxxxxxx

# 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		A		A	
	NC		B		B		B		B	
	NO + NC				(short only) C				(short only) C	

## Accessories



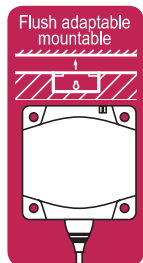
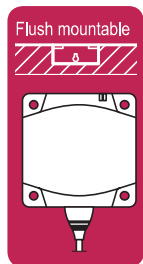
M8	XSZB108
M12	XSZB112
M18	XSZB118
M30	XSZB130





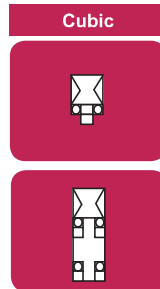
Screw terminal  
M 20



Connector  
M 12, 4 pin



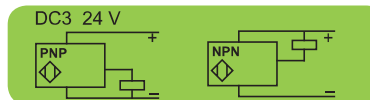
			80x80x26 mm	
Sensing distance			40 mm	
DC3	PNP	cable	XS7D1A1P	A L2
		connector	XS7D1A1P	A M12
	NPN	cable	XS7D1A1N	A L2
		connector	XS7D1A1N	A M12
DC2	cable		XS7D1A1D	A L2
	connector		XS7D1A1D	A M12
			80x80x26 mm	
Sensing distance			60 mm	
DC3	PNP	cable	XS8D1A1P	A L2
		connector	XS8D1A1P	A M12
	NPN	cable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



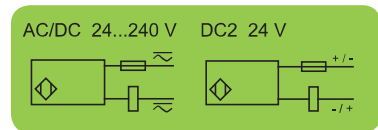
			40x40x117 mm	
DC4	PNP	NO+NC	XS8C2A1PCM12	XS8C2A4PCM12
		NO+NC	XS8C2A1NCM12	XS8C2A4NCM12
	NPN	NO	XS8C2A1DAM12	XS8C2A4DAM12
		NO	XS8C2A1MAU20	XS8C2A4MAU20
DC2	cable		XS8C4A1PC P20	XS8C4A4PC P20
	connector		XS8C4A1NC P20	XS8C4A4NC P20
AC/DC	cable		XS8C4A1DP P20	XS8C4A4DP P20
	connector		XS8C4A1MP P20	XS8C4A4MP P20

Select the  
type of  
connection

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



Accessories		
For 26x26	XSZBE00	XSZBE90
For 40x40	XSZBC00	XSZBC90



## Rotation monitoring: XSAV Range

Choose: 1 > 2 > 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	XZCP1241L2
	5 m	XZCP1141L5	XZCP1241L5
	10 m	XZCP1141L10	XZCP1241L10

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

(1) Steel ring (2) Plastic ring



Choose

Body size

1

2

3

4

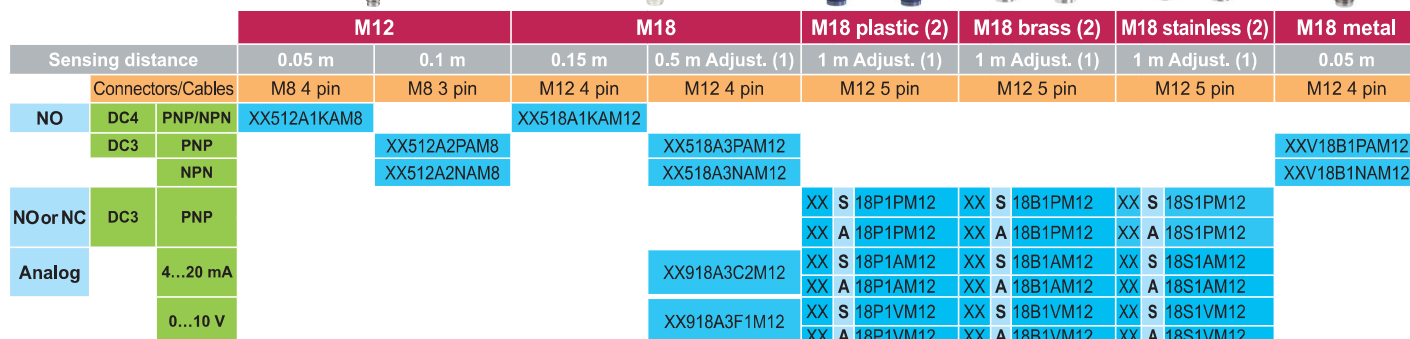
Reference

Sensing distance

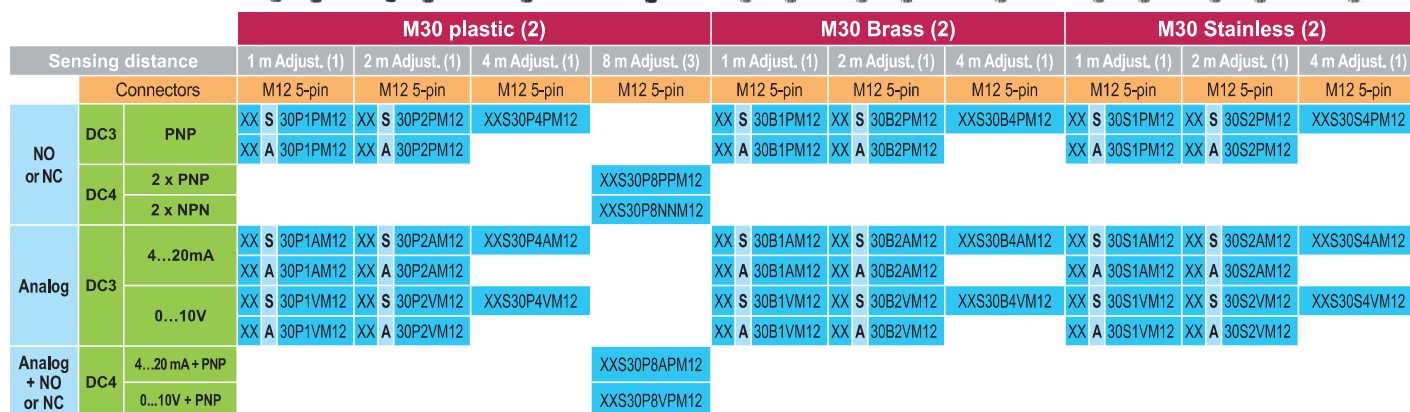
Output function

Output type

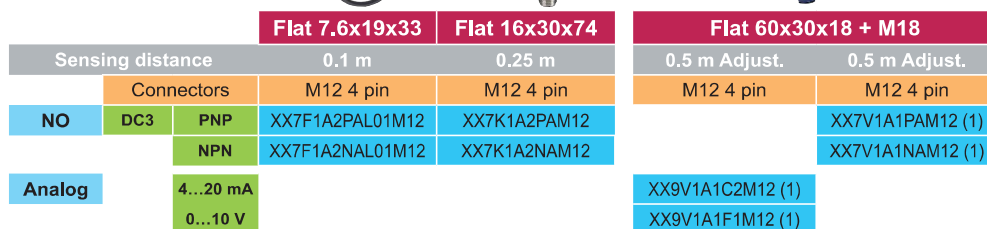
Connection



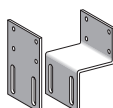
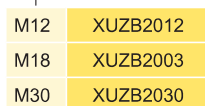
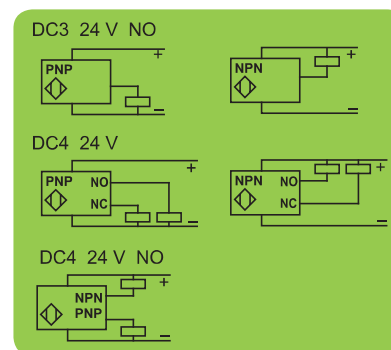
S = straight    A = angled



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



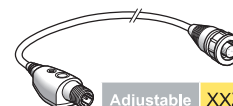
(1) Adjustable with XXZPB100



Flat	XXZ3074F
Cranked	XXZ3074S

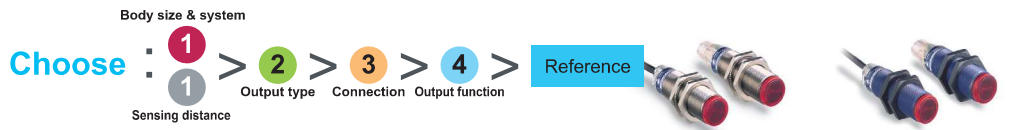



M12	XXZ12
M18	XUZA118
M30	XXZ30
XX7F	XXZ1933



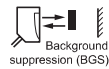
Adjustable XXZPB100

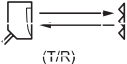
# Photo-electrics: XU Range




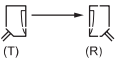
Sensing distance					M18 metal	M18 plastic
 (T/R)	0.6 m	DC3	PNP	cable	XUB5BP A NL2	XUB5AP A NL2
				connector 4P	XUB5BP A NM12	XUB5AP A NM12
		NPN		cable	XUB5BN A NL2	XUB5AN A NL2
				connector 4P	XUB5BN A NM12	XUB5AN A NM12
		DC3	PNP	cable		
				connector 4P		
		NPN		cable		
				connector 4P		
	0.1 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



 (T/R)	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

 (T/R)	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	

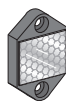


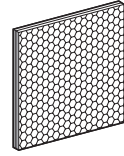
Multimode		DC3	PNP	cable	XUB0BPSNL2	XUB0APSNL2	XUM0APSNL2	
 Background suppression (BGS)				connector 4P	XUB0BPSNM12	XUB0APSNM12	XUM0APSNM12	
 Diffuse (D)			NPN	cable	XUB0BNSNL2	XUB0ANSNL2	XUM0ANSNL2	
				connector 4P	XUB0BNSNM12	XUB0ANSNM12	XUM0ANSNM12	
 Polarised reflex (P)		Sensing distance			Background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

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

## Cabling XU

M8		PUR pre wired connectors (female)*	
		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

Sensing distance															
 (T/R)	Diffuse	1 m	DC3	PNP	cable	XUK5AP A NL2	2.1 m	DC3	PNP	terminals	XUX5AP A NT16				
					connector 4P	XUK5AP A NM12				connector 4P	XUX5AP A NM12				
			NPN	cable	XUK5AN A NL2	NPN		terminals	XUX5AN A NT16						
				connector 4P	XUK5AN A NM12			connector 4P	XUX5AN A NM12						
			AC/DC	Relay	cable	XUK5ARCNL2		AC/DC	Relay	terminals	XUX5ARCNT16				
					Output function					NO	 A	A			
								NC	 B	B					
			 (T/R)	Polarized Reflex	5 m	DC3		PNP	cable	XUK9AP A NL2	11 m	DC3	PNP	terminals	XUX9AP A NT16
									connector 4P	XUK9AP A NM12				connector 4P	XUX9AP A NM12
						NPN		cable	XUK9AN A NL2	NPN		terminals	XUX9AN A NT16		
connector 4P	XUK9AN A NM12	connector 4P					XUX9AN A NM12								
AC/DC	Relay	cable				XUK9ARCNL2	AC/DC	Relay	terminals	XUX9ARCNT16					
		Accessory: Reflector							XUZC50	XUZC50					
 (T/R)	Reflex	7 m				DC3	PNP	cable	XUK1AP A NL2	14 m		DC3	PNP	terminals	XUX1AP A NT16
								connector 4P	XUK1AP A NM12					connector 4P	XUX1AP A NM12
						NPN	cable	XUK1AN A NL2	NPN			terminals	XUX1AN A NT16		
							connector 4P	XUK1AN A NM12				connector 4P	XUX1AN A NM12		
			AC/DC	Relay	cable	XUK1ARCNL2	AC/DC	Relay	terminals		XUX1ARCNT16				
					Accessory: Reflector						XUZC50	XUZC50			
			 (T) (R)	Thru-beam	30 m	DC3	PNP	cable	XUK2AP A NL2R		40 m	DC3	PNP	terminals	XUX2AP A NT16R
								connector 4P	XUK2AP A NM12R					connector 4P	XUX2AP A NM12R
						NPN	cable	XUK2AN A NL2R	NPN			terminals	XUX2AN A NT16R		
							connector 4P	XUK2AN A NM12R				connector 4P	XUX2AN A NM12R		
Accessories: Transmitter	cable	XUK2AKSNL2T				Accessories: Transmitter	terminals	XUX0AKSAT16T							
	connector 4P	XUK2AKSNM12T					connector 4P	XUX0AKSAM12T							
AC/DC	Relay	cable				XUK2ARCNL2R	AC/DC	Relay	terminals	XUX2ARCNT16R					
		cable				XUK2ARCNL2T			terminals	XUX0ARCTT16T					
 Background suppression (BGS) Diffuse (D) Polarised reflex (P) Thru-beam (TB)	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		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						
				connector 4P	XUK0AKSAM12T			connector 4P	XUX0AKSAM12T						
		AC/DC		cable	XUK0ARCTL2T	AC/DC		terminals	XUX0ARCTT16T						

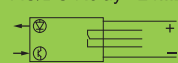
## Other fixings


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

DC3 24 V




AC/DC Relay 24...240 V





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



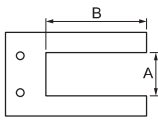
Connectors (female)		
M12	straight	elbowed
4 pin (1)	XZCC12FDM40B	XZCC12FCM40B
4 pin (2)	XZCC12FDP40B	XZCC12FCP40B



(1) Steel ring (2) Plastic ring

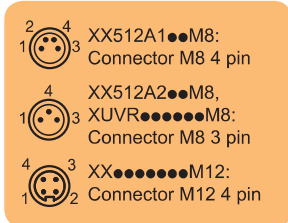
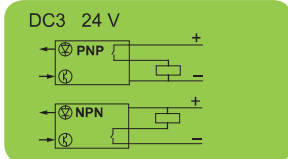
(1) Steel ring (2) Plastic ring

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

# 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	A NM8	XUVR0608P	A NM8	XUVR1212P	A NM8	XUVR1218P	A NM8
	NPN	M8 3 pin	XUVR0605N	A NM8	XUVR0608N	A NM8	XUVR1212N	A NM8	XUVR1218N	A NM8
Output function		NO		A		A		A		A
		NC		B		B		B		B



## Cabling XX & XUV

		PUR pre wired connectors (female)*			Connectors (female)		
M8		straight	elbowed	elbowed PNP LED	M12	straight	elbowed
3 pin	2 m	XZCP0566L2	XZCP0666L2		(1) 4 pin	XZCC12FDM40B	XZCC12FCM40B
	5 m	XZCP0566L5	XZCP0666L5		(2) 4 pin	XZCC12FDP40B	XZCC12FCP40B
	10 m	XZCP0566L10	XZCP0666L10		(1) Steel ring (2) Plastic ring		
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





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

# RFID Systems: XG Range



	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 XGSCZCNFAC

			
	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

	XGSCZCNFAC	Set of configuration badges	XZCC12MDB50R	M12 connector	
	XGSCZCNF01	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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