
Telemecanique Sensors Detection Components

Panorama



Simply easy!™

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!”

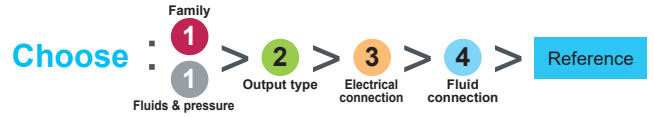
Connect with the experts



The Telemecanique Sensors team is available for pre and post sales support. We become an extension of your team and share our expertise with you.

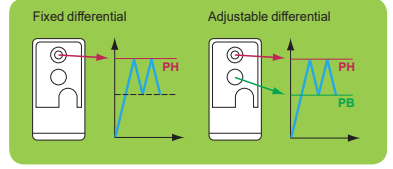
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Pressure switches: XM Range



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						
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		
			4...20 mA	0...10 V	PNP - NO/NC programmable	PNP - NO/NC programmable	
	-1	-14.5	XMLRM01G0T25	XMLRM01G0T75	XMLRM01G2P25		
	1	14.5	XMLR001G0T25	XMLR001G0T75	XMLR010G2P25		
	2.5	35.2	XMLR2D5G0T25	XMLR2D5G0T75	XMLR016G2P25		
	10	145	XMLR010G0T25	XMLR010G0T75	XMLR040G2P25		
	16	232	XMLR016G0T25	XMLR016G0T75			
	25	362	XMLR025G0T25	XMLR025G0T75			
	40	580	XMLR040G0T25	XMLR040G0T75			
	100	1450	XMLR100M0T25	XMLR100M0T75			
	160	2320	XMLR160M0T25	XMLR160M0T75			
	250	3625	XMLR250M0T25	XMLR250M0T75	XMLR250M2P25		
	400	5800	XMLR400M0T25	XMLR400M0T75	XMLR400M2P25		
	600	8700	XMLR600M0T25	XMLR600M0T75			
		Hydraulic oils, air, fresh water, refrigerant fluids					
G 1/4A (female)	-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		

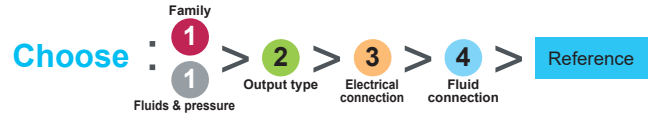


Cabling XM			Connectors (female)				PUR pre wired connectors (female)*			PUR Jumper cables			
	M12	straight	elbowed	M12	straight	elbowed	elbowed PNP LED	M12 (female)	straight	elbowed	M12 (male)	straight	elbowed
(1)	4 pin	XZCC12FDM40B	XZCC12FCM40B	4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	4 pin	1 m	XZCR1511041C1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

(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
	Bar	psi			
M12 4 pin (male)	-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	
	Window	Hysteresis	Fixed hysteresis	
M12 4 pin (male)	ZMLPA1P2SW	ZMLPA1P2SH	ZMLPA2P0SH	
PNP				

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



Horizontal plan
XMLPZLH01



Vertical plan or pipe
XMLPZLV01

Quick mounting bracket

Horizontal plan

Vertical plan or pipe

Cabling XM

		Connectors (female)		PUR pre wired connectors (female)*			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

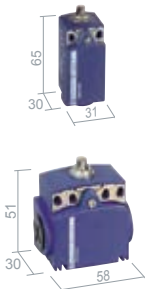
(1) Steel ring (2) Plastic ring

* 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

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	

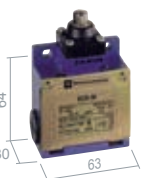


XCKP Plastic	NO+NC Snap	M16	XCKP2110P16	XCKP2102P16	XCKP2121P16	XCKP2106P16	XCKP2118P16	XCKP2145P16
		Pg11	XCKP2110G11	XCKP2102G11	XCKP2121G11	XCKP2106G11	XCKP2118G11	XCKP2145G11
		M12 4P	XCKP2110M12	XCKP2102M12	XCKP2121M12	XCKP2106M12	XCKP2118M12	XCKP2145M12

XCKT Plastic	NO+NC Snap	M16	XCKT2110P16	XCKT2102P16	XCKT2121P16	XCKT2106P16	XCKT2118P16	XCKT2145P16
		Pg11	XCKT2110G11	XCKT2102G11	XCKT2121G11	XCKT2106G11	XCKT2118G11	XCKT2145G11

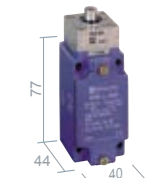


XCMD Metal	NO+NC Snap	1 m	XCMD2110L1	XCMD2102L1	XCMD2124L1	XCMD21F0L1	XCMD21F2L1	XCMD2115L1	XCMD2116L1
	NO+NC Slow	1 m	XCMD2510L1	XCMD2502L1	XCMD2524L1	XCMD25F0L1	XCMD25F2L1	XCMD2515L1	XCMD2516L1
	NO+NC Snap	M12 5P	XCMD2110C12	XCMD2102C12	XCMD2124C12	XCMD21F0C12	XCMD21F2C12	XCMD2115C12	XCMD2116C12
	1 C/O Snap	M12 4P	XCMD2110M12	XCMD2102M12	XCMD2124M12	XCMD21F0M12	XCMD21F2M12	XCMD2115M12	XCMD2116M12



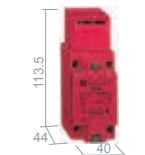
XCKM Metal	NO+NC Snap	M20	XCKM110H29	XCKM102H29	XCKM121H29	XCKM115H29	XCKM106H29
		Pg11	XCKM110	XCKM102	XCKM121	XCKM115	XCKM106

XCKL Metal	NO+NC Snap	CG	XCKL110	XCKL102	XCKL121	XCKL115	XCKL106
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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

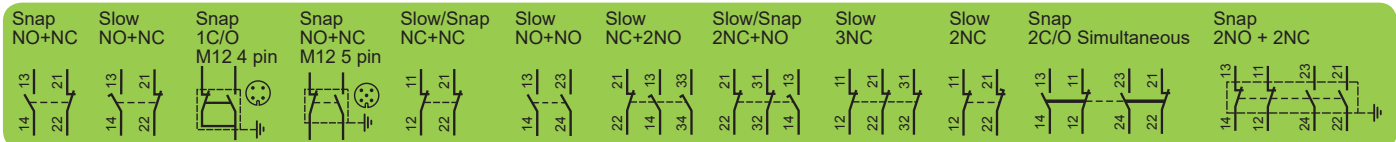
(1) Plastic roller (2) Steel roller



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



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



- 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

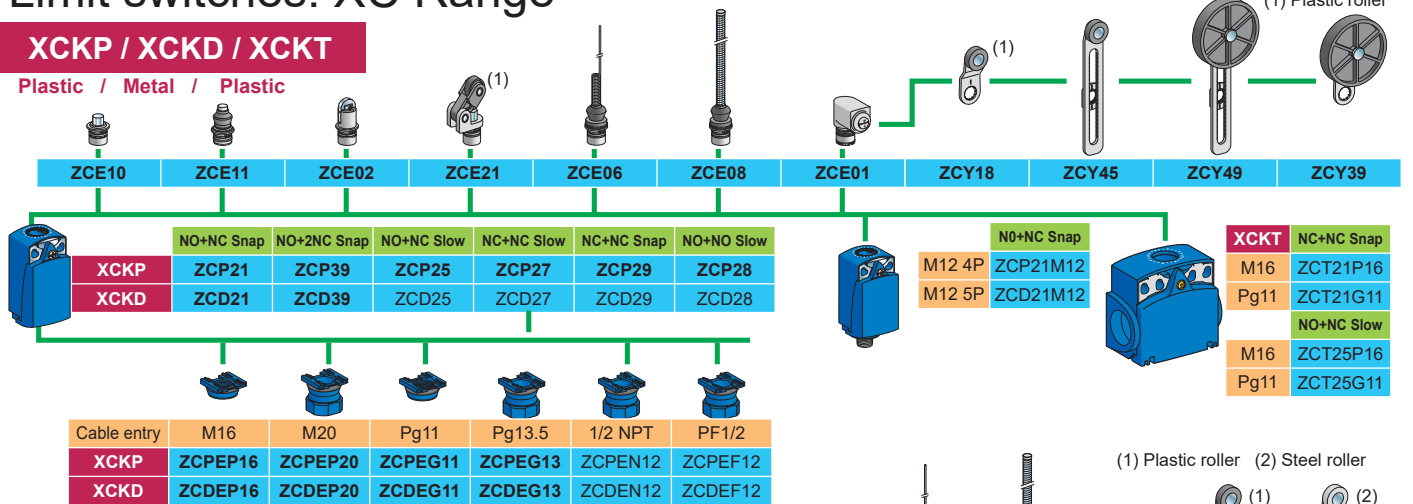
			Cabling XC			PUR pre wired connectors (female)*			Connectors (female)		
	M12		straight	elbowed	elbowed PNP LED	M12	straight	elbowed			
	4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	(1) 4 pin	XZCC12FDM40B	XZCC12FCM40B			
		5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5	(2) 4 pin	XZCC12FDP40B	XZCC12FCP40B			
		10 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

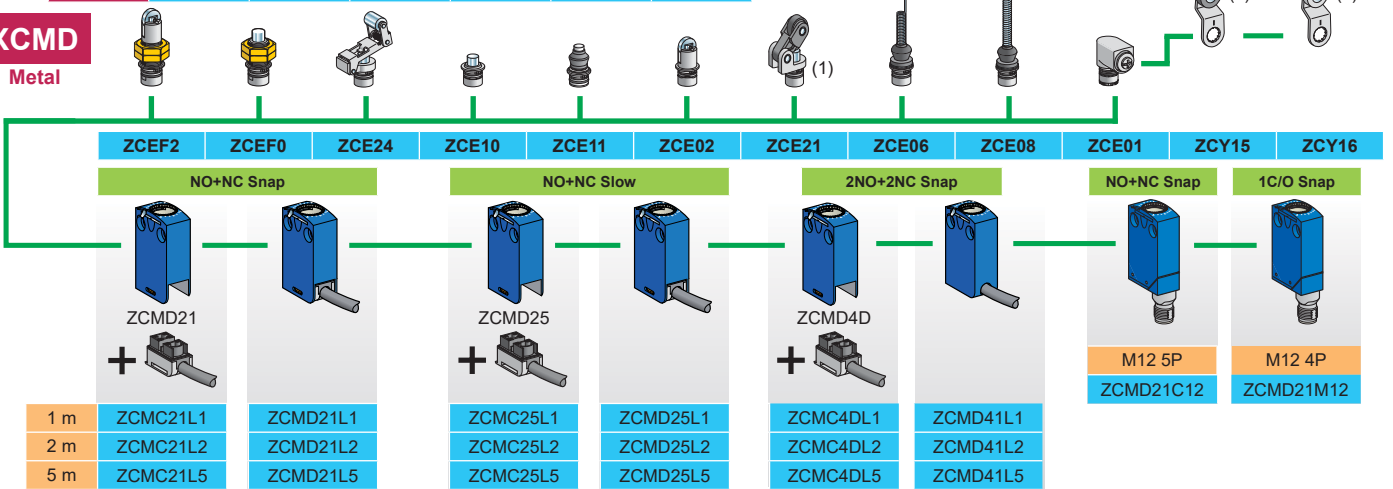
XCKP / XCKD / XCKT

Plastic / Metal / Plastic



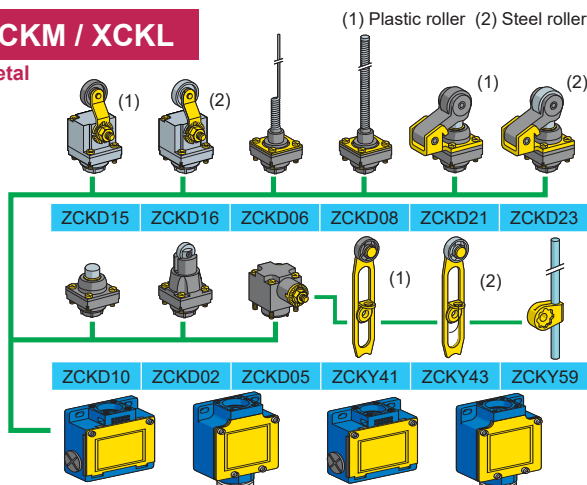
XCMD

Metal



XCKM / XCKL

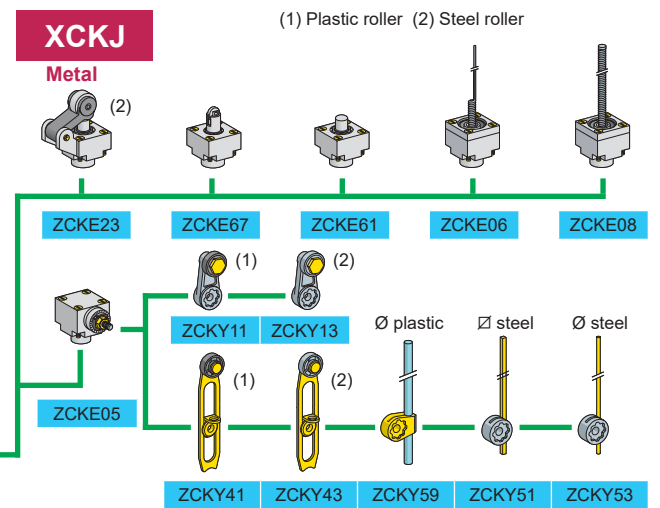
Metal



XCKM/XCKL	NO+NC Snap	NO+NC Slow	
3xPg11	ZCKM1	ZCKM5	
3xM20	ZCKM1H29	ZCKM5H29	
PE		ZCKL1	
1/2 NPT		ZCKL1H7	
		ZCKL5	
		ZCKL5H7	
XCKS	NO+NC Snap	NO+NC Slow	
Pg13	ZCKS1	ZCKS5	
M20	ZCKS1H29	ZCKS5H29	
XCKJ	NO+NC Snap	NO+NC Slow	2C/O Simult. Snap
Pg13	ZCKJ1	ZCKJ5	ZCKJ2
M20	ZCKJ1H29	ZCKJ5H29	ZCKJ2H29
1/2 NPT	ZCKJ1H7	ZCKJ5H7	ZCKJ2H7
M12 5P	ZCKJ1D	ZCKJ5D	-

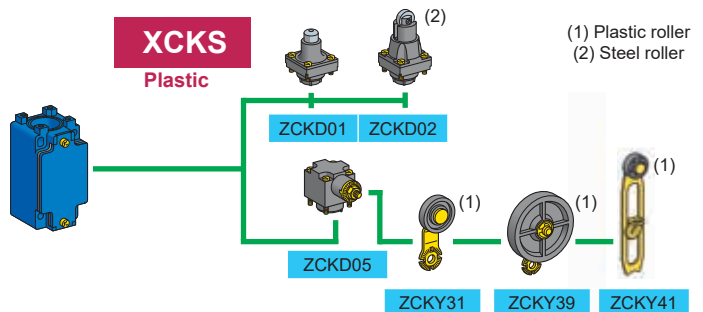
XCKJ

Metal

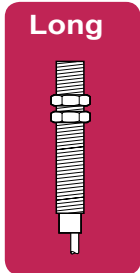
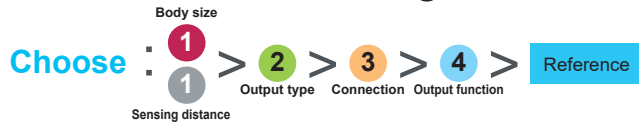


XCKS

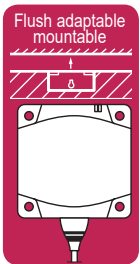
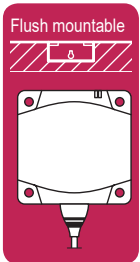
Plastic



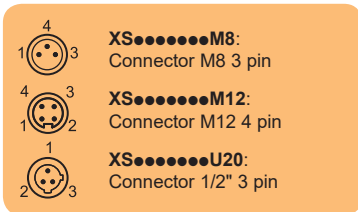
Inductives: XS Range



			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



			∅ 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
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	A
		NC	B	B	B	B



Cabling XS

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

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

Inductives: XS Range



Flush mountable

Short

Long

			M18		M30	
			5 mm	8 mm	10 mm	15 mm
DC3	PNP	cable	XS518B1P A L2	XS118B3P A L2	XS530B1P AL2	XS130B3P AL2
		connector	XS518B1P A M12	XS118B3P A M12	XS530B1P AM12	XS130B3P AM12
	NPN	cable	XS518B1N A L2	XS118B3N A L2	XS530B1N AL2	XS130B3N AL2
		connector	XS518B1N A M12	XS118B3N A M12	XS530B1N AM12	XS130B3N AM12
DC2	cable	XS518BSD A L2	XS618B3D A L2	XS530BSD AL2	XS630B3D AL2	
	connector	XS518BSD A M12	XS618B3D A M12	XS530BSD AM12	XS630B3D AM12	
DC3	PNP	cable	XS518BLP A L2	XS618B1P A L2	XS530BLP AL2	XS630B1P AL2
		connector	XS518BLP A M12	XS618B1P A M12	XS530BLP AM12	XS630B1P AM12
	NPN	cable	XS518BLN A L2	XS618B1N A L2	XS530BLN AL2	XS630B1N AL2
		connector	XS518BLN A M12	XS618B1N A M12	XS530BLN AM12	XS630B1N AM12
DC2	cable	XS518B1D A L2	XS618B1D A L2	XS530B1D AL2	XS630B1D AL2	
	connector	XS518B1D A M12	XS618B1D A M12	XS530B1D AM12	XS630B1D AM12	
AC/DC	cable	XS518B1M A L2	XS618B1M A L2	XS530B1M AL2	XS630B1M AL2	
	connector	XS518B1M A U20	XS618B1M A U20	XS530B1M AU20	XS630B1M AU20	
Output function	NO		A	A	A	A
	NC		B	B	B	B

Accessories

M8	XSZB108
M12	XSZB112
M18	XSZB118
M30	XSZB130



Flush mountable

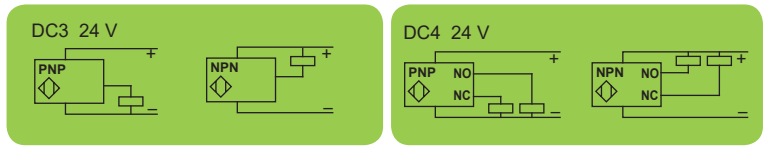
			80x80x26 mm	
			40 mm	
DC3	PNP	cable	XS7D1A1P A L2	
		connector	XS7D1A1P A M12	
	NPN	cable	XS7D1A1N A L2	
		connector	XS7D1A1N A M12	
DC2	cable	XS7D1A1D A L2		
	connector	XS7D1A1D A M12		

Cubic

			40x40x117 mm		20 mm	40 mm
DC4	PNP	NO+NC	XS8C2A1PCM12	XS8C2A4PCM12		
	NPN	NO+NC	XS8C2A1NCM12	XS8C2A4NCM12		
DC2	NO		XS8C2A1DAM12	XS8C2A4DAM12		
	NO		XS8C2A1MAU20	XS8C2A4MAU20		
DC4	PNP	NO+NC	XS8C4A1PCP20	XS8C4A4PCP20		
	NPN	NO+NC	XS8C4A1NCP20	XS8C4A4NCP20		
DC2	NO or NC		XS8C4A1DPP20	XS8C4A4DPP20		
	NO or NC		XS8C4A1MPP20	XS8C4A4MPP20		

Flush adaptable mountable

			80x80x26 mm	
			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	



Accessories

For 26x26	XSZBE00	XSZBE90
For 40x40	XSZBC00	XSZBC90

AC/DC 24...240 V

DC2 24 V



Cabling XS

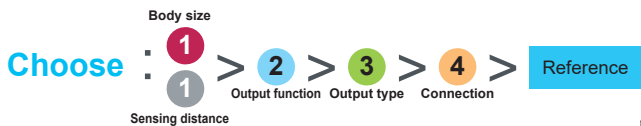
PUR pre wired connectors (female)*				
M12		straight	elbowed	elbowed PNP LED
4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2
	5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5
	10 m	XZCP1141L10	XZCP1241L10	XZCP1340L10

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

(1) Steel ring (2) Plastic ring

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

Ultrasonics: XX Range



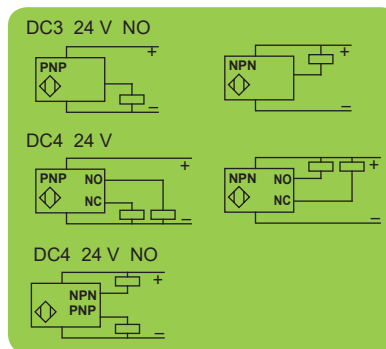
		M12		M18		M18 plastic	M18 brass	M18 stainless	M18 metal
Sensing distance		0.05 m	0.1 m	0.15 m	0.5 m Adjust.	1 m Adjust.	1 m Adjust.	1 m Adjust.	0.05 m
Connectors/Cables		M8 4 pin	M8 3 pin	M12 4 pin	M12 4 pin	M12 5 pin	M12 5 pin	M12 5 pin	M12 4 pin
NO	DC4	PNP/NPN XX512A1KAM8		XX518A1KAM12					
	DC3	PNP XX512A2PAM8		XX518A3PAM12(1)					XXV18B1PAM12
		NPN XX512A2NAM8		XX518A3NAM12(1)					
NOorNC	DC3	PNP				XX S 18P1PM12(1)	XX S 18B1PM12(1)	XX S 18S1PM12(1)	
		NPN				XX A 18P1PM12(1)	XX A 18B1PM12(1)	XX A 18S1PM12(1)	
Analog		4...20 mA		XX918A3C2M12(1)		XX S 18P1AM12(1)	XX S 18B1AM12(1)	XX S 18S1AM12(1)	
		0...10 V		XX918A3F1M12(1)		XX A 18P1AM12(1)	XX A 18B1AM12(1)	XX A 18S1AM12(1)	
						XX S 18P1VM12(1)	XX S 18B1VM12(1)	XX S 18S1VM12(1)	
						XX A 18P1VM12(1)	XX A 18B1VM12(1)	XX A 18S1VM12(1)	

(1) Adjustable with XXZPB100

S = straight A = angled

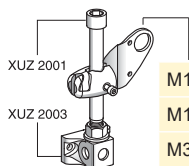


		M30		M30 stainless
Sensing distance		1 m Adjust.	8 m Adjust.	1 m Adjust.
Connectors/Cables		M12 4 pin	M12 4 pin	M12 4 pin
NO	DC4	PNP/NPN XX630A1KAM12		
	DC3	PNP XX6V3A1PAM12 (1)		
		NPN XX6V3A1NAM12 (1)		
NO+NC	DC4	PNP	XX630A1PCM12	XX630S1PCM12
		NPN	XX630A1NCM12	XX630S1NCM12
Analog		4...20 mA	XX9V3A1C2M12 (1)	XX930S1A2M12
		0...10 V	XX9V3A1F1M12 (1)	XX930S1A1M12

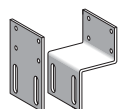


		Flat 7.6x19x33		Flat 16x30x74	Flat 60x30x18 + M18	
Sensing distance		0.1 m		0.25 m	0.5 m Adjust.	0.5 m Adjust.
Connectors		M12 4 pin		M12 4 pin	M12 4 pin	M12 4 pin
NO	DC3	PNP		XX7F1A2PAL01M12	XX7K1A2PAM12	XX7V1A1PAM12 (1)
		NPN		XX7F1A2NAL01M12	XX7K1A2NAM12	XX7V1A1NAM12 (1)
Analog		4...20 mA			XX9V1A1C2M12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

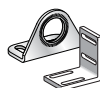
(1) Adjustable with XXZPB100



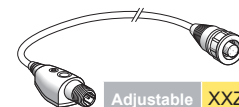
M12	XUZB2012
M18	XUZB2003
M30	XUZB2030



For XX7K	
Flat	XXZ3074F
Cranked	XXZ3074S

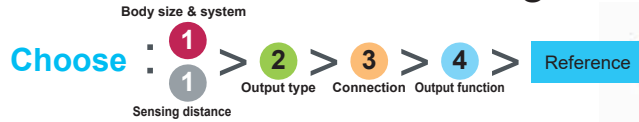


M12	XXZ12
M18	XUZA118
M30	XXZ30
XX7F	XXZ1933



Adjustable XXZPB100

Photo-electrics: XU Range



					M18 metal	M18 plastic	Miniature
Diffuse 	Sensing distance: 0.6 m	DC3	PNP	cable	XUB5BP A NL2	XUB5AP A NL2	
				connector 4P	XUB5BP A NM12	XUB5AP A NM12	
	0.1 m	DC3	PNP	cable	XUB5BN A NL2	XUB5AN A NL2	
				connector 4P	XUB5BN A NM12	XUB5AN A NM12	
			NPN	cable	XUB4BP A NL2	XUB4AP A NL2	
				connector 4P	XUB4BP A NM12	XUB4AP A NM12	
Polarized Reflex 	Sensing distance: 2 m	DC3	PNP	cable	XUB9BP A NL2	XUB9AP A NL2	
				connector 4P	XUB9BP A NM12	XUB9AP A NM12	
	0.1 m	DC3	PNP	cable	XUB9BN A NL2	XUB9AN A NL2	
				connector 4P	XUB9BN A NM12	XUB9AN A NM12	
			NPN	cable	XUB9BN A NL2	XUB9AN A NL2	
				connector 4P	XUB9BN A NM12	XUB9AN A NM12	
Accessory: Reflector				XUZC50	XUZC50		
Reflex 	Sensing distance: 4 m	DC3	PNP	cable	XUB1BP A NL2	XUB1AP A NL2	
				connector 4P	XUB1BP A NM12	XUB1AP A NM12	
	0.1 m	DC3	PNP	cable	XUB1BN A NL2	XUB1AN A NL2	
				connector 4P	XUB1BN A NM12	XUB1AN A NM12	
			NPN	cable	XUB1BN A NL2	XUB1AN A NL2	
				connector 4P	XUB1BN A NM12	XUB1AN A NM12	
Accessory: Reflector				XUZC50	XUZC50		
Thru-beam 	Sensing distance: 15 m	DC3	PNP	cable	XUB2BP A NL2R	XUB2AP A NL2R	
				connector 4P	XUB2BP A NM12R	XUB2AP A NM12R	
	0.1 m	DC3	PNP	cable	XUB2BN A NL2R	XUB2AN A NL2R	
				connector 4P	XUB2BN A NM12R	XUB2AN A NM12R	
			NPN	cable	XUB2BN A NL2R	XUB2AN A NL2R	
				connector 4P	XUB2BN A NM12R	XUB2AN A NM12R	
	Transmitter				cable	XUB2BKS NL2T	XUB2AKS NL2T
	Output function				connector 4P	XUB2BKSNM12T	XUB2AKSNM12T
					NO		A
					NC		B

Multimode 		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	XUB0BKS NL2T	XUB0AKS NL2T
				connector 4P	XUB0BKSNM12T	XUB0AKSNM12T	XUM0AKSNM12T
							XUM0APSAM8
							XUM0ANSAM8
							BGS: 0.1 m
							D: 0.4 m
							P: 3 m
							TB: 10 m
							XUM0AKSAL2T
							XUM0AKSAM8T

Reflectors

XUZC24 XUZC80 XUZC50 XUZC100

3D fixings with ball joint

XUB XUZB2003
XUM0 XUZM2003
XUK... XUZK2003
XUX... XUZX2003

Bracket with ball joint for sensors and reflector XUZC50

XUZK2004
XUZX2004

M12 rod for ball joint

XUZ2001

Fixing support for M12 rod

XUZ2003

Cabling XU

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

XU.....M8:
Connector M8 4 pin

XU.....M12:
Connector M12 4 pin

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

Photo-electrics: XU Range



Sensing distance		Compact 50x50 mm				
Diffuse 	1 m	DC3	PNP	cable	XUK5AP A NL2	
				connector 4P	XUK5AP A NM12	
				NPN	cable	XUK5AN A NL2
					connector 4P	XUK5AN A NM12
			AC/DC	Relay	cable	XUK5ARCNL2
	Output function				NO	A
				NC	B	

Sensing distance		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
	Output function				A	
				B		

Sensing distance		Compact 50x50 mm				
Polarized Reflex 	5 m	DC3	PNP	cable	XUK9AP A NL2	
				connector 4P	XUK9AP A NM12	
			NPN	cable	XUK9AN A NL2	
				connector 4P	XUK9AN A NM12	
			AC/DC	Relay	cable	XUK9ARCNL2
	Accessory: Reflector		XUZC50			

Sensing distance		Compact 92x71 mm				
11 m	DC3	PNP	terminals	XUX9AP A NT16		
			connector 4P	XUX9AP A NM12		
			NPN	terminals	XUX9AN A NT16	
				connector 4P	XUX9AN A NM12	
			AC/DC	Relay	terminals	XUX9ARCNT16
	Accessory: Reflector		XUZC50			

Sensing distance		Compact 50x50 mm				
Reflex 	7 m	DC3	PNP	cable	XUK1AP A NL2	
				connector 4P	XUK1AP A NM12	
			NPN	cable	XUK1AN A NL2	
				connector 4P	XUK1AN A NM12	
			AC/DC	Relay	cable	XUK1ARCNL2
	Accessory: Reflector		XUZC50			

Sensing distance		Compact 92x71 mm				
14 m	DC3	PNP	terminals	XUX1AP A NT16		
			connector 4P	XUX1AP A NM12		
			NPN	terminals	XUX1AN A NT16	
				connector 4P	XUX1AN A NM12	
			AC/DC	Relay	terminals	XUX1ARCNT16
	Accessory: Reflector		XUZC50			

Sensing distance		Compact 50x50 mm			
Thru-beam 	30 m	DC3	PNP	cable	XUK2AP A NL2R
				connector 4P	XUK2AP A NM12R
			NPN	cable	XUK2AN A NL2R
				connector 4P	XUK2AN A NM12R
	Accessory: Transmitter		cable	XUK2AKSNL2T	
			connector 4P	XUK2AKSNM12T	
		AC/DC	Relay	cable	XUK2ARCNL2R
			cable	XUK2ARCNL2T	

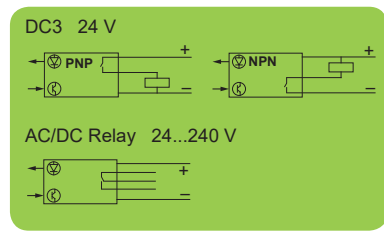
Sensing distance		Compact 92x71 mm			
40 m	DC3	PNP	terminals	XUX2AP A NT16R	
			connector 4P	XUX2AP A NM12R	
			NPN	terminals	XUX2AN A NT16R
				connector 4P	XUX2AN A NM12R
				terminals	XUX0AKSAT16T
				connector 4P	XUX0AKSAM12T
		AC/DC	Relay	terminals	XUX2ARCNT16R
			terminals	XUX0ARCTT16T	

Multimode		DC3 PNP/NPN		DC3 PNP/NPN			
	Background suppression (BGS) Diffuse (D) Polarised reflex (P) Thru-beam (TB)	cable	XUK0AKSAL2	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			
		Polarized reflex: 4 m		Thru-beam: 30 m			
Accessory: Transmitter		DC	cable	XUK0AKSAL2T	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	XUZAM02	-
XUK	XUZA51	-
XUX	XUZX2000	-

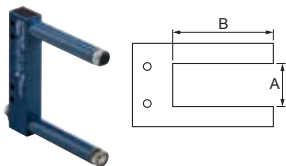


PUR pre wired connectors (female)*					Connectors (female)			
M12		straight	elbowed	elbowed PNP LED	M12	straight	elbowed	
4 pin	2 m	XZCP1141L2	XZCP1241L2	XZCP1340L2	4 pin (1)	XZCC12FDM40B	XZCC12FCM40B	
	5 m	XZCP1141L5	XZCP1241L5	XZCP1340L5		4 pin (2)	XZCC12FDP40B	XZCC12FCP40B
	10 m	XZCP1141L10	XZCP1241L10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

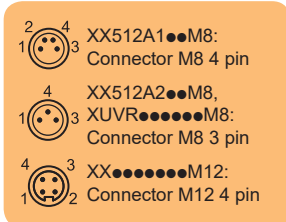
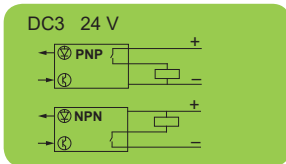
(1) Steel ring (2) Plastic ring

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

Forks: OsiSense XUV



		A: 50 mm / B: 60 mm			A: 80 mm / B: 60 mm			A: 120 mm / B: 120 mm			A: 180 mm / B: 120 mm			
DC3	PNP	M8 3 pin	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	4 pin	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

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