

XCKP / XCKD / XCKT

Plastic / Metal / Plastic

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

XCMD

Metal

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

XCKM / XCKL

Metal / Metal

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

XCKJ

Metal

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

Ultrasonic: OsiSense XX

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

Forks: OsiSense XUV

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

Cabling XX & XUV

PUR pre-wired connectors (female)

Connector	3 pin	4 pin	5 pin	6 pin
straight	XZCP0566L2	XZCP0566L2	XZCP0566L2	XZCP0566L2
elbowed	XZCP0566L2	XZCP0566L2	XZCP0566L2	XZCP0566L2
elbowed PNP LED	XZCP0566L2	XZCP0566L2	XZCP0566L2	XZCP0566L2

Connectors (female): M12 straight, M12 elbowed

Connectors (male): M12 straight, M12 elbowed

(1) Steel ring (2) Plastic ring

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Telemecanique Sensors Detection components Panorama



Simply easy!™

Telemecanique Sensors

Limit switches: OsiSense XC

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

XCKM / XCKL

Metal / Metal

Choose: 1 Body, 2 Head, 3 Contact, 4 Connector, Reference

Sensing distance	M12	M18	M18 metal	M30	M30 stainless
0.05 m	0.1 m	0.15 m	0.5 m Adjust.	0.05 m fixed	1 m Adjust.
1 m Adjust.	8 m Adjust.	1 m Adjust.	8 m Adjust.	1 m Adjust.	

Connectors: M8 3 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin, M12 4 pin

Output functions: NO, DC+, PNP, NPN, NO+NC, DC+, PNP, NPN, Analogue

Analogue: 4...20 mA, 0...10 V

(1) Adjustable with XXPB100

Cabling XC

PUR pre-wired connectors (female)

Connector	3 pin	4 pin	5 pin	6 pin
straight	XZCP1141L2	XZCP1241L2	XZCP1340L2	XZCP1340L2
elbowed	XZCP1141L2	XZCP1241L2	XZCP1340L2	XZCP1340L2
elbowed PNP LED	XZCP1141L2	XZCP1241L2	XZCP1340L2	XZCP1340L2

Connectors (female): M12 straight, M12 elbowed

Connectors (male): M12 straight, M12 elbowed

(1) Steel ring (2) Plastic ring

Simply easy!™

Telemecanique Sensors

Pressure switches: OsiSense XM



Choose: 1 Body size, 2 Output type, 3 Electrical connection, 4 Fluid connection, Reference

Family: 1 DC1 single pole contact fixed differential, 2 DC1 single pole contact adjustable differential, 3 DC2 single pole contact fixed differential, 4 DC2 single pole contact adjustable differential

Fluids & pressure: Hydraulic oils, air, fresh water, sea water / Temp. up to 70°C

Electromechanical: XMLA / XMLB

Bar	psi	ISO M20	Py10	DIN connector	ISO M20	Py13	DIN connector
1	14.5	XMLA001R2S12	XMLA001R2S11	XMLA001R2C11	XMLB001R2S12	XMLB001R2S11	XMLB001R2C11
2.5	36.3	XMLA002S2S12	XMLA002S2S11	XMLA002S2C11	XMLB002S2S12	XMLB002S2S11	XMLB002S2C11
4	58	XMLA004S2S12	XMLA004S2S11	XMLA004S2C11	XMLB004S2S12	XMLB004S2S11	XMLB004S2C11
10	145	XMLA010S2S12	XMLA010S2S11	XMLA010S2C11	XMLB010S2S12	XMLB010S2S11	XMLB010S2C11
20	290	XMLA020S2S12	XMLA020S2S11	XMLA020S2C11	XMLB020S2S12	XMLB020S2S11	XMLB020S2C11
35	508	XMLA035S2S12	XMLA035S2S11	XMLA035S2C11	XMLB035S2S12	XMLB035S2S11	XMLB035S2C11

Hydraulic oils / Temp. up to 160°C

Bar	psi	ISO M20	Py10	DIN connector	ISO M20	Py13	DIN connector
1	14.5	XMLA001R2S12	XMLA001R2S11	XMLA001R2C11	XMLB001R2S12	XMLB001R2S11	XMLB001R2C11
70	1015	XMLA070S2S12	XMLA070S2S11	XMLA070S2C11	XMLB070S2S12	XMLB070S2S11	XMLB070S2C11
160	2320	XMLA160S2S12	XMLA160S2S11	XMLA160S2C11	XMLB160S2S12	XMLB160S2S11	XMLB160S2C11
300	4350	XMLA300S2S12	XMLA300S2S11	XMLA300S2C11	XMLB300S2S12	XMLB300S2S11	XMLB300S2C11
500	7250	XMLA500S2S12	XMLA500S2S11	XMLA500S2C11	XMLB500S2S12	XMLB500S2S11	XMLB500S2C11

Hydraulic oils, air, fresh water, refrigerant fluids

Electronic + Display: XMLP

Bar	psi	4...20 mA	0...10 V	4...20 mA	0...10 V	4-20 mA
-1	-14.5	XMLR001G0T25	XMLR001G0T75	XMLR001G1P25	XMLR001G1P75	XMLR001G2P25
1	14.5	XMLR001S0T25	XMLR001S0T75	XMLR001S1P25	XMLR001S1P75	XMLR001S2P25
2.5	36.3	XMLR002S0T25	XMLR002S0T75	XMLR002S1P25	XMLR002S1P75	XMLR002S2P25
4	58	XMLR004S0T25	XMLR004S0T75	XMLR004S1P25	XMLR004S1P75	XMLR004S2P25
10	145	XMLR010G0T25	XMLR010G0T75	XMLR010G1P25	XMLR010G1P75	XMLR010G2P25
20	290	XMLR020G0T25	XMLR020G0T75	XMLR020G1P25	XMLR020G1P75	XMLR020G2P25
35	508	XMLR035G0T25	XMLR035G0T75	XMLR035G1P25	XMLR035G1P75	XMLR035G2P25
70	1015	XMLR070G0T25	XMLR070G0T75	XMLR070G1P25	XMLR070G1P75	XMLR070G2P25
160	2320	XMLR160G0T25	XMLR160G0T75	XMLR160G1P25	XMLR160G1P75	XMLR160G2P25
300	4350	XMLR300G0T25	XMLR300G0T75	XMLR300G1P25	XMLR300G1P75	XMLR300G2P25
500	7250	XMLR500G0T25	XMLR500G0T75	XMLR500G1P25	XMLR500G1P75	XMLR500G2P25

Hydraulic oils, air, fresh water, refrigerant fluids

Electronic transmitter: XMLG/XMLP

Bar	psi	4...20 mA	0...10 V	0.5...4.5 V
-1	-14.5	XMLG0M0D21	XMLG0M0D71	XMLG0M0D11
1	14.5	XMLG001D21	XMLG001D71	XMLG001D11
6	87	XMLG006D21	XMLG006D71	XMLG006D11
10	145	XMLG010D21	XMLG010D71	XMLG010D11
20	290	XMLG020D21	XMLG020D71	XMLG020D11
40	580	XMLG040D21	XMLG040D71	XMLG040D11
60	870	XMLG060D21	XMLG060D71	XMLG060D11
160	2320	XMLG160D21	XMLG160D71	XMLG160D11
300	4350	XMLG300D21	XMLG300D71	XMLG300D11
500	7250	XMLG500D21	XMLG500D71	XMLG500D11

Hydraulic oils, air, fresh water, refrigerant fluids

Display & switch: ZMLP

Bar	psi	4-20mA analogue + switching output	2 switching outputs
-1	-14.5	ZMLP01P2S1W	ZMLP01P2S1H
1	14.5	ZMLP01S2S1W	ZMLP01S2S1H
2.5	36.3	ZMLP02S2S1W	ZMLP02S2S1H
4	58	ZMLP04S2S1W	ZMLP04S2S1H
10	145	ZMLP10G2S1W	ZMLP10G2S1H
20	290	ZMLP20G2S1W	ZMLP20G2S1H
35	508	ZMLP35G2S1W	ZMLP35G2S1H
70	1015	ZMLP70G2S1W	ZMLP70G2S1H
160	2320	ZMLP160G2S1W	ZMLP160G2S1H
300	4350	ZMLP300G2S1W	ZMLP300G2S1H
500	7250	ZMLP500G2S1W	ZMLP500G2S1H

Quick fixing bracket: XMLP2LH01, XMLP2LV01

Cabling XM: Connectors (female), PUR pre wired connectors (female), PUR Jumper cables

Cabling XS: PUR pre wired connectors (female), Connectors (female)

Cabling XU: PUR pre wired connectors (female), Connectors (female)

Inductives: OsiSense XS



Choose: 1 Body size, 2 Output type, 3 Connection, 4 Output function, Sensing distance

Body size: M8, M12, M18, M30

Sensing distance: 1.5 mm, 2.5 mm, 2 mm, 4 mm, 5 mm, 8 mm, 10 mm, 15 mm

Output type: DC3 PNP, DC2 NPN, DC2 AC/DC

Output function: NO, NC, A, B

Flush mountable: Short, Long

Accessories: XSZB108, XSZB112, XSZB116, XSZB130

Cabling XS: PUR pre wired connectors (female), Connectors (female)

Cabling XU: PUR pre wired connectors (female), Connectors (female)

Photo-electrics: OsiSense XU



Choose: 1 Body size & system, 2 Output type, 3 Connection, 4 Output function, Sensing distance

Body size & system: M18 metal, M18 plastic, Miniature, Compact 50x50 mm, Compact 92x71 mm

Sensing distance: 0.6 m, 0.1 m, 2 m, 4 m, 15 m, 30 m, 40 m

Output type: DC3 PNP, DC3 NPN, DC3 AC/DC

Output function: NO, NC, A, B, C

Accessories: XUZZ50, XUZZ50, XUZZ50, XUZZ50

Reflectors: XUZZ24, XUZZ30, XUZZ50, XUZZ100

3D fixings with ball joint: XUZZ2003, XUZZ2004, XUZZ2001, XUZZ2003

Other fixings: XUZA118, XUZA218, XUZA51, XUZZ2000

Cabling XU: PUR pre wired connectors (female), Connectors (female)