



# Pressure switches: OsiSense XM

Choose: 1 > 2 > 3 > 4 > Reference

1 Family: Fluids & pressure  
2 Output type  
3 Electrical connection  
4 Fluid connection

**Hydraulic oils, air, fresh water, sea water / Temp : up to 70 °C**

**1 C/O single pole contact fixed 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**

ISO M20	Pg13	DIN connector	ISO M20	Pg13	DIN connector
1 14.5 XMLA001R2S12	XMLA001R2S11	XMLA001R2C11	XMLB001R2S12	XMLB001R2S11	XMLB001R2C11
7 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

**Hydraulic oils, air, fresh water, sea water, corrosive fluids**

**-15...+80 °C**

**Analogue**

Bars	psi	4...20 mA	0...10 V
-1 -14.5 XMLFM01D2015	XMLFM01D2115	XMLFM01D2025	XMLFM01D2125
1 14.5 XMLF001D2015	XMLF001D2115	XMLF001D2025	XMLF001D2125
2.5 36.25 XMLF002D2015	XMLF002D2115	XMLF002D2025	XMLF002D2125
10 145 XMLF010D2015	XMLF010D2115	XMLF010D2025	XMLF010D2125
016 232 XMLF016D2015	XMLF016D2115	XMLF016D2025	XMLF016D2125
025 362.5 XMLF025D2015	XMLF025D2115	XMLF025D2025	XMLF025D2125
040 580 XMLF040D2015	XMLF040D2115	XMLF040D2025	XMLF040D2125
070 1015 XMLF070D2015	XMLF070D2115	XMLF070D2025	XMLF070D2125
100 1450 XMLF100D2015	XMLF100D2115	XMLF100D2025	XMLF100D2125
160 2320 XMLF160D2015	XMLF160D2115	XMLF160D2025	XMLF160D2125
250 3625 XMLF250D2015	XMLF250D2115	XMLF250D2025	XMLF250D2125
400 5800 XMLF400D2015	XMLF400D2115	XMLF400D2025	XMLF400D2125
600 8700 XMLF600D2015	XMLF600D2115	XMLF600D2025	XMLF600D2125

**Analogue + Discrete Output**

PNP or NPN	NO or NC	Discrete Outputs
4...20 mA	0...10 V	2 x (PNP or NPN) NO or NC

**Hydraulic oils, air, fresh water, sea water, corrosive fluids**

**-15...+125 °C**

**Analogue**

Bars	psi	4...20 mA	0...10 V
-1 -14.5 XMLGM01D21	XMLGM01D71	XMLG006D21	XMLG006D71
1 14.5 XMLG001D21	XMLG001D71	XMLG010D21	XMLG010D71
6 87 XMLG006D21	XMLG006D71	XMLG016D21	XMLG016D71
10 145 XMLG010D21	XMLG010D71	XMLG025D21	XMLG025D71
16 232 XMLG016D21	XMLG016D71	XMLG100D21	XMLG100D71
025 362.5 XMLG025D21	XMLG025D71	XMLG250D21	XMLG250D71
100 1450 XMLG100D21	XMLG100D71	XMLG400D21	XMLG400D71
250 3625 XMLG250D21	XMLG250D71		
400 5800 XMLG400D21	XMLG400D71		

**Cabling XM**

**M12**

Pre-wired connectors (female): straight, elbowed, elbowed PNP LED

Connectors (female): straight, elbowed

DIN connector: 4 pin

Connectors (female): 4 pin

**M12**

Pre-wired connectors (female): straight, elbowed, elbowed PNP LED

Connectors (female): straight, elbowed

DIN connector: 4 pin

Connectors (female): 4 pin

(1) Steel ring (2) Plastic ring

# Inductives: OsiSense XS

Choose: 1 > 2 > 3 > 4 > Reference

1 Body size  
2 Sensing distance  
3 Output type  
4 Connection  
5 Output function

Sensing distance	M8		M12		M18		M30		
	1.5 mm	2.5 mm	2 mm	4 mm	5 mm	8 mm	10 mm	15 mm	
DC3	PNP cable	XS508B1P A L2	XS108B3P A L2	XS512B1P A L2	XS112B3P A L2	XS518B1P A L2	XS118B3P A L2	XS530B1P A L2	XS130B3P A L2
	connector	XS508B1P A M8	XS108B3P A M8	XS512B1P A M12	XS112B3P A M12	XS518B1P A M12	XS118B3P A M12	XS530B1P A M12	XS130B3P A M12
DC2	PNP cable	XS508B1N A L2	XS108B3N A L2	XS512B1N A L2	XS112B3N A L2	XS518B1N A L2	XS118B3N A L2	XS530B1N A L2	XS130B3N A L2
	connector	XS508B1N A M8	XS108B3N A M8	XS512B1N A M12	XS112B3N A M12	XS518B1N A M12	XS118B3N A M12	XS530B1N A M12	XS130B3N A M12
DC3	PNP cable	XS508B3D A L2	XS608B3D A L2	XS512B3D A L2	XS612B3D A L2	XS518B3D A L2	XS618B3D A L2	XS530B3D A L2	XS630B3D A L2
	connector	XS508B3D A L01M12	XS608B3D A L01M12	XS512B3D A M12	XS612B3D A M12	XS518B3D A M12	XS618B3D A M12	XS530B3D A M12	XS630B3D A M12
DC2	PNP cable	XS508B1D A L2	XS608B1D A L2	XS512B1D A L2	XS612B1D A L2	XS518B1D A L2	XS618B1D A L2	XS530B1D A L2	XS630B1D A L2
	connector	XS508B1D A M12	XS608B1D A M12	XS512B1D A M12	XS612B1D A M12	XS518B1D A M12	XS618B1D A M12	XS530B1D A M12	XS630B1D A M12
AC/DC	PNP cable	XS508BLP A L2	XS608BLP A L2	XS512BLP A L2	XS612BLP A L2	XS518BLP A L2	XS618BLP A L2	XS530BLP A L2	XS630BLP A L2
	connector	XS508BLP A M12	XS608BLP A M12	XS512BLP A M12	XS612BLP A M12	XS518BLP A M12	XS618BLP A M12	XS530BLP A M12	XS630BLP A M12
DC2	PNP cable	XS508BLN A L2	XS608BLN A L2	XS512BLN A L2	XS612BLN A L2	XS518BLN A L2	XS618BLN A L2	XS530BLN A L2	XS630BLN A L2
	connector	XS508BLN A M12	XS608BLN A M12	XS512BLN A M12	XS612BLN A M12	XS518BLN A M12	XS618BLN A M12	XS530BLN A M12	XS630BLN A M12
DC2	PNP cable	XS508B1D A L2	XS608B1D A L2	XS512B1D A L2	XS612B1D A L2	XS518B1D A L2	XS618B1D A L2	XS530B1D A L2	XS630B1D A L2
	connector	XS508B1D A M12	XS608B1D A M12	XS512B1D A M12	XS612B1D A M12	XS518B1D A M12	XS618B1D A M12	XS530B1D A M12	XS630B1D A M12
AC/DC	PNP cable	XS508B1M A L2	XS608B1M A L2	XS512B1M A L2	XS612B1M A L2	XS518B1M A L2	XS618B1M A L2	XS530B1M A L2	XS630B1M A L2
	connector	XS508B1M A M12	XS608B1M A M12	XS512B1M A M12	XS612B1M A M12	XS518B1M A M12	XS618B1M A M12	XS530B1M A M12	XS630B1M A M12

Sensing distance	8x22x8 mm		15x32x8 mm		26x26x13 mm		40x40x15 mm		80x80x26 mm	
	2.5 mm	5 mm	10 mm	15 mm	40 mm					
DC3	PNP cable	XS7J1A1P A L2	XS7F1A1P A L2	XS7E1A1P A L2	XS7C1A1P A L2	XS7D1A1P A L2	XS7A1A1P A L2	XS7B1A1P A L2	XS7G1A1P A L2	XS7H1A1P A L2
	connector	XS7J1A1P A L01M8	XS7F1A1P A L01M8	XS7E1A1P A M8	XS7C1A1P A M8	XS7D1A1P A M12	XS7A1A1P A M12	XS7B1A1P A M12	XS7G1A1P A M12	XS7H1A1P A M12
DC2	PNP cable	XS7J1A1N A L2	XS7F1A1N A L2	XS7E1A1N A L2	XS7C1A1N A L2	XS7D1A1N A L2	XS7A1A1N A L2	XS7B1A1N A L2	XS7G1A1N A L2	XS7H1A1N A L2
	connector	XS7J1A1N A L01M8	XS7F1A1N A L01M8	XS7E1A1N A M8	XS7C1A1N A M8	XS7D1A1N A M12	XS7A1A1N A M12	XS7B1A1N A M12	XS7G1A1N A M12	XS7H1A1N A M12
DC2	PNP cable	XS7J1A1D A L2	XS7F1A1D A L2	XS7E1A1D A L2	XS7C1A1D A L2	XS7D1A1D A L2	XS7A1A1D A L2	XS7B1A1D A L2	XS7G1A1D A L2	XS7H1A1D A L2
	connector	XS7J1A1D A L01M8	XS7F1A1D A L01M8	XS7E1A1D A M8	XS7C1A1D A M8	XS7D1A1D A M12	XS7A1A1D A M12	XS7B1A1D A M12	XS7G1A1D A M12	XS7H1A1D A M12

**Accessories**

For 26x26 XSZBE00 XSZBE90

For 40x40 XSZBC00 XSZBC90

**DC3 24 V**

**DC4 24 V**

**AC/DC 24...240 V**

**DC2 24 V**

**Cabling XS**

**M8**

Pre-wired connectors (female): straight, elbowed, elbowed PNP LED

Connectors (female): straight, elbowed

**M12**

Pre-wired connectors (female): straight, elbowed, elbowed PNP LED

Connectors (female): straight, elbowed

(1) Steel ring (2) Plastic ring

# Photo-electrics: OsiSense XU

Choose: 1 > 2 > 3 > 4 > Reference

1 Body size & System  
2 Sensing distance  
3 Output type  
4 Connection  
5 Output function

Sensing distance	M18 metal		M18 plastic		Miniature		Compact 50x50 mm		Compact 92x71 mm	
	1 m	5 m	1 m	5 m	1 m	5 m	1 m	5 m	11 m	14 m
Diffuse	PNP cable	XUB5BP A NL2	XUB5AP A NL2	XUM5APCNL2	XUM5APCNM8	XUM5APCNL2	XUM5APCNM8	XUK5AP A NL2	XUK5AP A NL2	XUX5AP A NT16
	connector	XUB5BP A NM12	XUB5AP A NM12	XUM5APCNM8	XUM5APCNL2	XUM5APCNM8	XUM5APCNL2	XUK5AP A NM12	XUK5AP A NM12	XUX5AP A NM12
0.1 m	PNP cable	XUB5BN A NL2	XUB5AN A NL2	XUM5ANCNL2	XUM5ANCNM8	XUM5ANCNL2	XUM5ANCNM8	XUK5AN A NL2	XUK5AN A NL2	XUX5AN A NT16
	connector	XUB5BN A NM12	XUB5AN A NM12	XUM5ANCNM8	XUM5ANCNL2	XUM5ANCNM8	XUM5ANCNL2	XUK5AN A NM12	XUK5AN A NM12	XUX5AN A NM12
2 m	PNP cable	XUB4BP A NL2	XUB4AP A NL2	XUM4APCNL2	XUM4APCNM8	XUM4APCNL2	XUM4APCNM8	XUK4AP A NL2	XUK4AP A NL2	XUX4AP A NT16
	connector	XUB4BP A NM12	XUB4AP A NM12	XUM4APCNM8	XUM4APCNL2	XUM4APCNM8	XUM4APCNL2	XUK4AP A NM12	XUK4AP A NM12	XUX4AP A NM12
4 m	PNP cable	XUB1BP A NL2	XUB1AP A NL2	XUM1APCNL2	XUM1APCNM8	XUM1APCNL2	XUM1APCNM8	XUK1AP A NL2	XUK1AP A NL2	XUX1AP A NT16
	connector	XUB1BP A NM12	XUB1AP A NM12	XUM1APCNM8	XUM1APCNL2	XUM1APCNM8	XUM1APCNL2	XUK1AP A NM12	XUK1AP A NM12	XUX1AP A NM12

**Accessories**

M8 XSZB108 XSZB112

M12 XSZB118 XSZB130

M18 XSZB118 XSZB130

**DC3 PNP**

**DC2**

**AC/DC**

**AC**

**Accessories**

For 26x26 XSZBE00 XSZBE90

For 40x40 XSZBC00 XSZBC90

**DC3 24 V**

**DC4 24 V**

**AC/DC 24...240 V**

**DC2 24 V**

**Reflectors**

**3D fixings with ball joint**

**Other fixings**

**AC/DC Relay 24...240 V**

**Cabling XU**

**M8**

Pre-wired connectors (female): straight, elbowed, elbowed PNP LED

Connectors (female): straight, elbowed

**M12**

Pre-wired connectors (female): straight, elbowed, elbowed PNP LED

Connectors (female): straight, elbowed

(1) Steel ring (2) Plastic ring