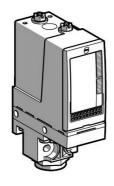
### XMLB070D2S12

# pressure switch XMLB 70 bar - adjustable scale 2 thresholds - 1 C/O



#### Main Range of product OsiSense XM Product or component Electromechanical pressure sensor Pressure sensor type Electromechanical pressure sensor Product specific application Pressure sensor name **XMLB** Electrical circuit type Control circuit Pressure swt type of Regulation between 2 thresholds operation Adjustable differential Type of scale Pressure sensor size 70 bar Local display With Fluid connection type G 1/4 (female) conforming to ISO 228 Adj range low setting 2.3...61.2 bar Adj range high setting 7...70 bar Possible diff max at 50 bar high setg 160 bar Max perm accidental pressure Destruction pressure 320 bar Electrical connection Screw-clamps terminals 1 x 0.2...2 x 2.5 mm<sup>2</sup> 1 entry tapped for M20 x 1.5 cable gland, cable out-Cable entry er diameter: 7 - 13 mm Pressure actuator Piston Hydraulic oil (0 - 160 °C) Controlled fluid Materials in contact wth Brass fluid FPM, FKM **PTFE** Steel **Enclosure material** Zinc alloy In rated current B300, AC-15 (Ue = 120 V conforming to EN/IEC B300, AC-15 (Ue = 240 V conforming to EN/IEC 60947-5-1 R300, DC-13 (Ue = 250 V conforming to EN/IEC 60947-5-1

#### Complementary

Possible diff min at low setg	4.7 bar (- 0.4 bar, + 0.7 bar)	
Possible diff min at high setg	8.8 bar (- 0.6 bar, + 0.8 bar)	
Max perm pressure - per cycle	90 bar	
Terminal block type	4 terminals	
Operating rate	<= 60 cyc/mn at > 0 °C	
Repeat accuracy	< 2 %	
Ui rated insulation voltage	300 V conforming to CSA C22-2 No 14 300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1	
Uimp rated imp wstdvoltage	6 kV conforming to EN/IEC 60947-1	
Auxiliary contacts operation	Snap action	

Contacts type and com-

position

1 C/O

Contacts material	Silver contacts	
Resistance across terminals	< 25 mOhm conforming to IEC 255-7 category 3 < 25 mOhm conforming to NF C 93-050 method A	
Short circuit protection	10 A cartridge fuse type gG (gl)	
Mechanical durability	6000000 cycles	
Setting	External	
Product weight	0.715 kg	
Terminals description ISO n <sub>T</sub> 1	(13-14-11-12)OF	
Height	75 mm	
Depth	113 mm	
Width	35 mm	
CAD overall depth	75 mm	
CAD overall height	113 mm	
CAD overall width	35 mm	

#### Environment

Environment	
Standards	CE CSA C22-2 No 14 EN/IEC 60947-5-1 UL 508
Product certifications	BV CCC CSA DNV (Det Norske Veritas) GL LROS (Lloyds register of shipping) RINA UL VIT-SEPRO
Protective treatment	TC
Ambient air temp for op	-2570 °C
Ambient air temp for storage	-4070 °C
Operating position	Any position
Vibration resistance	4 gn (f = 30 - 500 Hz) conforming to IEC 68-2-6
Shock resistance	50 gn conforming to IEC 68-2-27
Class of prot agnst elec shock	Class I conforming to IEC 1140 Class I conforming to IEC 536 Class I conforming to NF C 20-030
IP degree of protection	IP66 conforming to EN/IEC 60529



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