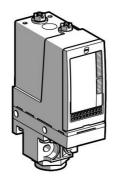
XMLB300D2S12

pressure switch XMLB 300 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 Type of scale Adjustable differential Pressure sensor size 300 bar Local display With Fluid connection type G 1/4 (female) conforming to ISO 228 Adj range low setting 2.6...263 bar Adj range high setting 22...300 bar Possible diff max at 200 bar high setg Max perm accidental 675 bar pressure Destruction pressure 1350 bar Electrical connection Screw-clamps terminals 1 x 0.2...2 x 2.5 mm² 1 entry tapped for M20 x 1.5 cable gland, cable out-Cable entry er diameter: 7 - 13 mm Pressure actuator Piston Controlled fluid Hydraulic oil (0 - 160 °C) Materials in contact wth Brass

FPM, FKM PTFE

Zinc alloy

60947-5-1

60947-5-1

60947-5-1

1 C/O

B300, AC-15 (Ue = 120 V conforming to EN/IEC

B300, AC-15 (Ue = 240 V conforming to EN/IEC

R300, DC-13 (Ue = 250 V conforming to EN/IEC

Steel

Complementary

o in promontary		
Possible diff min at low setg	19.4 bar (- 1.5 bar, + 1.7 bar)	
Possible diff min at high setg	37 bar (- 1 bar, + 4 bar)	
Max perm pressure - per cycle	375 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-

fluid

Enclosure material

In rated current

position

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	3000000 cycles	
Setting	External	
Product weight	0.75 kg	
Terminals description ISO n _T 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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