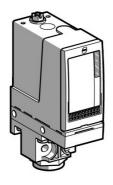
Product data sheet Characteristics

XMLA160D2S12

pressure switch XMLA 160 bar - fixed scale 1 threshold - 1 C/O



Main

Range of product	OsiSense XM
Product or component type	Electromechanical pressure sensor
Pressure sensor type	Electromechanical pressure sensor
Product specific application	-
Pressure sensor name	XMLA
Electrical circuit type	Control circuit
Pressure swt type of operation	Detection of 1 single threshold
Type of scale	Fixed differential
Pressure sensor size	160 bar
Local display	With
Fluid connection type	G 1/4 (female) conforming to ISO 228
Adj range low setting	4.5142 bar
Adj range high setting	10160 bar
Max perm accidental pressure	360 bar
Destruction pressure	720 bar
Electrical connection	Screw-clamps terminals 1 x 0.22 x 2.5 mm ²
Cable entry	1 entry tapped for M20 x 1.5 cable gland, cable outer diameter: 7 - 13 mm
Pressure actuator	Piston
Controlled fluid	Hydraulic oil (0 - 160 °C)
Materials in contact wth fluid	Brass FPM, FKM PTFE Steel
Enclosure material	Zinc alloy
In rated current	B300, AC-15 (Ue = 120 V conforming to EN/IEC 60947-5-1 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
Contacts type and composition	1 C/O

Complementary

5.5 bar (+/- 1 bar)	
18 bar (+/- 3 bar)	
200 bar	
4 terminals	
<= 60 cyc/mn at > 0 °C	
< 2 %	
300 V conforming to CSA C22-2 No 14 300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1	
6 kV conforming to EN/IEC 60947-1	
Snap action	
Silver contacts	
	18 bar (+/- 3 bar) 200 bar 4 terminals <= 60 cyc/mn at > 0 °C < 2 % 300 V conforming to CSA C22-2 No 14 300 V conforming to UL 508 500 V conforming to EN/IEC 60947-1 6 kV conforming to EN/IEC 60947-1 Snap action

Desire to the second second sector	. 05 0b (
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	0.75 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

LITVITOTITIETIL	
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

