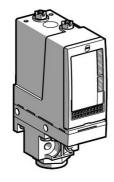
## XMLB500D2S11

## pressure switch XMLB 500 bar - adjustable scale 2 thresholds - 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	XMLB
Electrical circuit type	Control circuit
Pressure switch type of operation	Regulation between 2 thresholds
Scale type	Adjustable differential
Pressure sensor size	500 bar
Local display	With
Fluid connection type	G 1/4 (female) ISO 228
Adjustable range of switching point on falling pressure	7447,4 bar
Adjustable range of switching point on rising pressure	30500 bar
Electrical connection	Screw-clamps terminals 1 x 0.22 x 2.5 mm <sup>2</sup>
Cable entry	1 entry tapped for Pg 13.5 cable gland 913 mm
Pressure actuator	Piston
Controlled fluid	Hydraulic oil 0160 °C
IP degree of protection	IP66 EN/IEC 60529
[In] rated current	0,1 A 250 V DC-13 R300 EN/IEC 60947-5-1 1,5 A 240 V AC-15 B300 EN/IEC 60947-5-1 3 A 120 V AC-15 B300 EN/IEC 60947-5-1

1 C/O

External

## Complementary

23 bar - 2.6 bar, + 3.8 bar
52,6 bar - 14.8 bar, + 11.2 bar
300 bar
1125 bar
625 bar
2250 bar
4 terminals
FPM, FKM PTFE Brass Steel
Zinc alloy
Any position
≤ 60 cyc/mn > 0 °C
< 2 %
300 V CSA C22-2 No 14 300 V UL 508 500 V EN/IEC 60947-1
6 kV EN/IEC 60947-1

Contacts type and composition
Setting

Auxiliary contacts operation	Snap action	
Contacts material	Silver contacts	
Resistance across terminals	< 25 mOhm IEC 255-7 category 3 < 25 mOhm NF C 93-050 method A	
Short circuit protection	10 A cartridge fuse gG (gl)	
Mechanical durability	3000000 cycles	
Product weight	0,75 kg	
Height	75 mm	
Depth	113 mm	
Width	35 mm	

## Environment

Standards	CE
Standards	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 temperature for operation	-2570 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	4 gn IEC 68-2-6 30500 Hz
Shock resistance	50 gn IEC 68-2-27
Class of protection against electric shock	Class I NF C 20-030
	Class I IEC 1140
	Class I IEC 536
RoHS EUR conformity date	0928
RoHS EUR status	Compliant

