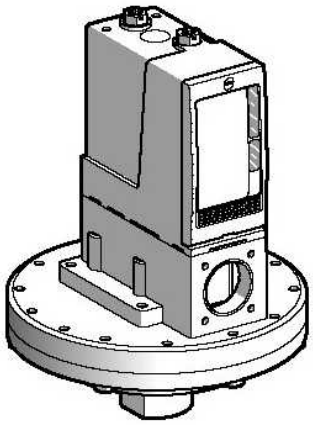
Product data sheet
Characteristics

XMLBS35R2S11
pressure switch XMLB 330 mbar - 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
Device short name	XMLB
Pressure sensor size	0.35 bar
Controlled fluid	Air (0...160 °C) Fresh water (0...160 °C) Hydraulic oil (0...160 °C)
Fluid connection type	G 1/4 (female) conforming to ISO 228
Electrical connection	Screw-clamps terminals 1 x 0.5...2 x 2.5 mm²
AWG gauge	AWG 20...AWG 14
Cable entry number	1 tapped entry (Pg 13.5) forcable gland , cable outer diameter: 9...13 mm
Contacts type and composition	1 C/O
Product specific application	30 bar overpressure
Pressure switch type of operation	Regulation between 2 thresholds
Electrical circuit type	Control circuit
Scale type	Adjustable differential
Local display	With
Adjustable range of switching point on rising pressure	0.042...0.33 bar
Adjustable range of switching point on falling pressure	0.009...0.272 bar
Possible differential maximum at high setting	0.25 bar
Maximum permissible accidental pressure	37.5 bar
Destruction pressure	67.5 bar
Pressure actuator	Diaphragm
Materials in contact with fluid	FPM, FKM Steel 304L stainless steel
Enclosure material	Zinc alloy
[In] rated current	3 A, B300, AC-15 (Ue = 120 V) conforming to EN/IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V) conforming to EN/IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to EN/IEC 60947-5-1

Complementary

Possible differential minimum at low setting	0.033 bar (- 8 mbar, + 3 mbar)
Possible differential minimum at high setting	0.058 bar (+/- 8 mbar)
Maximum permissible pressure - per cycle	30 bar
Terminal block type	4 terminals
Operating rate	<= 120 cyc/mn at > 0 °C

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Repeat accuracy	< 2 %
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 500 V conforming to EN/IEC 60947-1 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
Auxiliary contacts operation	Snap action
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	2000000 cycles
Setting	External
Height	162 mm
Depth	110 mm
Width	110 mm
Product weight	3.5 kg

Environment

Standards	CSA C22.2 No 14 UL 508 EN/IEC 60947-5-1 CE
Product certifications	LROS (Lloyds register of shipping) CCC BV CSA UL EAC
Protective treatment	TC (standard version)
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Operating position	Any position
Vibration resistance	4 gn (f = 30...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn conforming to IEC 60068-2-27
Class of protection against electric 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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0928 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months