Product data sheet
Characteristics

XMLBS35R2S11
pressure switch XMLB 330 mbar - adjustable scale 2 thresholds - 1 C/O

Main

Range of Product	Telemecanique Pressure sensors XM
Product or Component Type	Electromechanical pressure sensor
Pressure sensor type	Electromechanical pressure sensor
Device short name	XMLB
Pressure Rating	5.08 psi (0.35 bar)
Controlled fluid	Air 32…320 °F (0…160 °C)) Hydraulic oil 32…320 °F (0…160 °C))
Fluid connection type	G 1/4 (female) ISO 228
Electrical connection	Screw-clamps terminals, 1 x 0.5...2 x 2.5 mm²
AWG Gauge	AWG 20...AWG 14
Cable entry	Cable gland 0.4…0.5 in (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	0.609…4.79 psi (0.042…0.33 bar)
Adjustable range of switching point on falling pressure	0.131…3.945 psi (0.009…0.272 bar)
Possible differential maximum at high setting	3.63 psi (0.25 bar)
Maximum permissible accidental pressure	543.9 psi (37.5 bar)
Destruction pressure	979.005 psi (67.5 bar)
Pressure actuator	Diaphragm
Materials in contact with fluid	304L stainless steel FPM, FKM Steel
Enclosure Material	Zinc alloy
Line Rated Current	3 A, B300, AC-15 (Ue = 120 V)IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V)IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V)IEC 60947-5-1

Complementary

Possible differential minimum at low setting	0.479 psi (0.033 bar) - 8 mbar, + 3 mbar)
Possible differential minimum at high setting	0.841 psi (0.058 bar) +/- 8 mbar)
Maximum permissible pressure - per cycle	435.1 psi (30 bar)
Terminal block type	4 terminals
Maximum operating rate	120 cyc/mn
Repeat accuracy	2 %

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[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1
Auxiliary contacts operation	Snap action
Contacts material	Silver contacts
Maximum 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	2000000 cycles
Setting	External
Height	6.4 in (162 mm)
Depth	4.3 in (110 mm)
Width	4.3 in (110 mm)
Net Weight	7.7 lb(US) (3.5 kg)

Environment

Standards	UL 508 CE CSA C22.2 No 14 IEC 60947-5-1
Product Certifications	BV[RETURN]CCC[RETURN]LROS (Lloyds register of shipping) [RETURN]UL[RETURN]CSA
Protective treatment	TC standard version
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Operating position	Any position
Vibration resistance	4 gn 30…500 Hz)IEC 60068-2-6
Shock resistance	50 gn IEC 60068-2-27
Electrical shock protection class	Class I IEC 1140 Class I IEC 536 Class I NF C 20-030
IP degree of protection	IP66 conforming to IEC 60529

Ordering and shipping details

Category	US10DS222661
Discount Schedule	0DS2
GTIN	3389110471076
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.10 in (15.500 cm)
Package 1 Width	6.10 in (15.500 cm)
Package 1 Length	6.30 in (16.000 cm)
Package 1 Weight	6.162 lb(US) (2.795 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	15.082 lb(US) (6.841 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	Yes
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months