XMLBL35R2S12

pressure switch XMLB 350 mbar - adjustable scale 2 thresholds - 1 C/O





Main

Range of product Product or component type Pressure sensor type Electromechanical pressure sensor Device short name Pressure sensor size Solve si (0.35 bar) Controlled fluid Air 32320 °F (0160 °C) Hydraulic oil (0160 °C) Fluid connection type Electrical connection Screw-clamps terminals, 1 x 0.52 x 2.5 mm² AWG gauge AWG 20AWG 14 Cable entry Cable gland 0.280.51 in (713 mm) Contacts type and composition Product specific application Pressure switch type of operation Electrical circuit type Control circuit Scale type Adjustable differential Local display With Adjustable range of switching point on rising pressure Adjustable range of switching point on falling pressure Adjustable differential maximum permissible accidental pressure Destruction pressure Destruction pressure Pressure actuator Diaphragm Materials in contact with fluid Enclosure material Line Rated Current Electromechanical pressure sensor Electromechanical pressure sensor Electronechanical pressure sensor Electronechanical pressure sensor Electrical connection Regulation between 2 thresholds O.655.08 psi (0.0450.35 bar) O.655.08 psi (0.0450.35 bar) O.414.35 psi (0.0030.3 bar) Augustable range of switching point on falling pressure O.044.35 psi (0.0030.3 bar) Augustable range of switching point on falling pressure O.044.35 psi (0.0030.3 bar) Augustable range of switching point on falling pressure O.044.35 psi (0.0030.3 bar) Augustable range of switching point on falling pressure O.044.35 psi (0.0030.3 bar) Augustable range of switching point on falling pressure O.044.35 psi (0.0030.3 bar) Augustable range of switching point on falling pressure O.044.35 psi (0.0030.3 bar)		
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Device short name XMLB Pressure sensor size 5.08 psi (0.35 bar) Controlled fluid Air 32320 °F (0160 °C)) Hydraulic oil (0160 °C) Fluid connection type G 1/4 (female) conforming to ISO 228 Electrical connection Screw-clamps terminals, 1 x 0.52 x 2.5 mm² AWG gauge AWG 20AWG 14 Cable entry Cable gland 0.280.51 in (713 mm) Contacts type and composition Product specific application Pressure switch type of operation Electrical circuit type Control circuit Scale type Adjustable differential Local display With Adjustable range of switching point on rising pressure Adjustable in a fight setting Possible differential maximum at high setting Maximum permissible accidental pressure Destruction pressure Destruction pressure Destruction pressure Adjustable in contact with fluid Enclosure material Line Rated Current 3 A, B300, AC-15 (Ue = 120 V) conforming to EN/ IEC 60947-5-1	•	Electromechanical pressure sensor
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maximum at high setting32.63 psi (2.25 bar)Maximum permissible accidental pressure32.63 psi (2.25 bar)Destruction pressure65.27 psi (4.5 bar)Pressure actuatorDiaphragmMaterials in contact with fluid304L stainless steel Steel FPM, FKMEnclosure materialZinc alloyLine Rated Current3 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/	switching point on falling	0.044.35 psi (0.0030.3 bar)
Destruction pressure 65.27 psi (4.5 bar)		4.35 psi (0.3 bar)
Pressure actuator Diaphragm Materials in contact with fluid Steel FPM, FKM Enclosure material Zinc alloy Line 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/	•	32.63 psi (2.25 bar)
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		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/

Complementary

Possible differential minimum at low setting	0.042 bar (- 8 mbar, + 3 mbar)
Possible differential minimum at high setting	0.73 psi (0.05 bar) +/- 8 mbar)
Maximum permissible pressure - per cycle	18.13 psi (1.25 bar)
Terminal block type	4 terminals
Maximum operating rate	120 cyc/mn
Repeat accuracy	2 %

[Ui] rated insulation voltage	300 V conforming to UL 508
	500 V conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
Auxiliary contacts operation	Snap action
Contacts material	Silver contacts
Maximum resistance across terminals	25 MOhm conforming to IEC 255-7 category 3
Maximum resistance across terminais	25 mOnm 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	4000000 cycles
Setting	External
Height	6.38 in (162 mm)
Depth	4.33 in (110 mm)
Width	4.33 in (110 mm)
Net weight	5.68 lb(US) (2.575 kg)
Environment	
Standards	CE
	CSA C22.2 No 14
	UL 508
	EN/IEC 60947-5-1
Product certifications	UL LROS (Lloyds register of shipping)
	BV
	EAC
	CSA
	CCC
Protective treatment	TC standard version
Ambient air temperature for operation	-13158 °F (-2570 °C)

Ordering and shipping details

Ambient air temperature for storage

Electrical shock protection class

Operating position

Vibration resistance
Shock resistance

IP degree of protection

GTIN	03389110754025
Package weight(Lbs)	5.38 lb(US) (2.439 kg)

-40...158 °F (-40...70 °C)

30 gn IEC 60068-2-27

IP66 EN/IEC 60529

2 gn 30...500 Hz)IEC 60068-2-6

Class I conforming to IEC 1140 Class I conforming to IEC 536

Class I conforming to NF C 20-030

Any position

Packing Units

Package 1 Height	1.600 dm	
Package 1 width	1.550 dm	
Package 1 Length	1 550 dm	

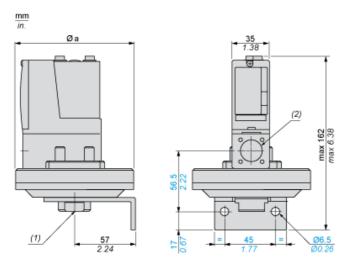
Offer Sustainability

Sustainable offer status	Green Premium product 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	
California proposition 65		
REACh Regulation	REACh Declaration	
EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope) EU Declaration		
Mercury free	Yes	

RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	
Contractual warranty		
Contractual warranty Warranty	18 months	

XMLBL35R2S12

Dimensions



Ø a =110 mm / 4.33 in.

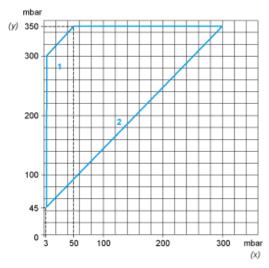
- (1) 1 fluid entry, tapped G1/4 (BSP female)
 (2) 1 electrical connections entry, tapped M20 x 1.5

Wiring Diagram

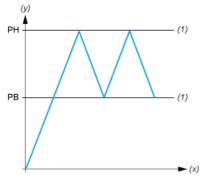
Terminal Model



Operating Curves



- (y)
- Rising pressure Falling pressure Maximum differential (x) 1:
- Minimum differential 2:



- Pressure (y)
- Time (x)
- (1) Adjustable value
- PH: High point
- PB: Below point