

XMLBS35R2S11

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

Product availability : Stock - Normally stocked in distribution facility



Main

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| 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 | 5.08 psi (0.35 bar) |
| Controlled fluid | Air (32...320 °F (0...160 °C)) Fresh water (32...320 °F (0...160 °C)) Hydraulic oil (32...320 °F (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 mm ² |
| AWG gauge | AWG 20...AWG 14 |
| Cable entry | Cable gland 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 | 0.61...4.79 psi (0.042...0.33 bar) |
| Adjustable range of switching point on falling pressure | 0.13...3.95 psi (0.009...0.272 bar) |
| Possible differential maximum at high setting | 3.63 psi (0.25 bar) |
| Maximum permissible accidental pressure | 543.89 psi (37.5 bar) |
| Destruction pressure | 979 psi (67.5 bar) |
| Pressure actuator | Diaphragm |
| Materials in contact with fluid | FPM, FKM |

Disclaimer: 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

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| | 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

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|---|---|
| Possible differential minimum at low setting | 0.48 psi (0.033 bar) (- 8 mbar, + 3 mbar) |
| Possible differential minimum at high setting | 0.84 psi (0.058 bar) (+/- 8 mbar) |
| Maximum permissible pressure - per cycle | 435.11 psi (30 bar) |
| Terminal block type | 4 terminals |
| Operating rate | <= 120 cyc/mn at > 32 °F (0 °C) |
| 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 | 6.38 in (162 mm) |
| Depth | 4.33 in (110 mm) |
| Width | 4.33 in (110 mm) |
| Product weight | 7.72 lb(US) (3.5 kg) |

Environment

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| Standards | CE EN/IEC 60947-5-1 UL 508 CSA C22.2 No 14 |
| Product certifications | BV CCC CSA LROS (Lloyds register of shipping) UL EAC |
| 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 (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 |

Ordering and shipping details

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|-------------------|--------------------------------------|
| Category | 22661 - XMLA,B,C,D PRESSURE SWITCHES |
| Discount Schedule | DS2 |

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|-----------------------|-------------------|
| GTIN | 00785901424697 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 6.169999999999999 |
| Returnability | Y |
| Country of origin | CZ |

Offer Sustainability

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|----------------------------------|---|
| 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 Reference not containing SVHC above the threshold |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty

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| Warranty period | 18 months |
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