



Main

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| Range of product | Telemecanique Pressure sensors XM |
| Product or component type | Electromechanical pressure sensor |
| Pressure sensor type | Electromechanical pressure sensor |
| Device short name | XMLC |
| Pressure rating | 2.5 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 mm ² |
| AWG gauge | AWG 20...AWG 14 |
| Cable entry | Cable gland 7...13 mm |
| Contacts type and composition | 2 C/O |
| Product specific application | 30 bar adjusted |
| 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 | 0.3...2.5 bar |
| Adjustable range of switching point on falling pressure | 0.2...2.32 bar |
| Possible differential maximum at high setting | 1.25 bar |
| Maximum permissible accidental pressure | 37.5 bar |
| Destruction pressure | 67.5 bar |
| Pressure actuator | Diaphragm |
| Materials in contact with fluid | Steel FPM, FKM |
| Enclosure material | Zinc alloy |
| [In] rated current | 3 A, B300, AC-15 (Ue = 120 V) conforming to IEC 60947-5-1 1.5 A, B300, AC-15 (Ue = 240 V) conforming to IEC 60947-5-1 0.1 A, R300, DC-13 (Ue = 250 V) conforming to IEC 60947-5-1 |

Complementary

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| Possible differential minimum at low setting | 0.1 bar (+/- 0.02 bar) |
| Possible differential minimum at high setting | 0.18 bar (+/- 0.03 bar) |
| Maximum permissible pressure - per cycle | 30 bar |
| Terminal block type | 8 terminals |
| Maximum operating rate | 120 cyc/mn |
| Repeat accuracy | 2 % |

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| [Ui] rated insulation voltage | 300 V conforming to UL 508 500 V conforming to IEC 60947-1 300 V conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-1 |
| Auxiliary contacts operation | Simultaneous, snap action |
| Contacts material | Silver contacts |
| Maximum 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 | 113 mm |
| Depth | 85 mm |
| Width | 46 mm |
| Net weight | 3.5 kg |

Environment

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| Standards | UL 508 CE IEC 60947-5-1 CSA C22.2 No 14 IEC 60947-5-1 |
| Product certifications | CSA[RETURN]UL |
| 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 conforming to IEC 60068-2-6 (f = 30...500 Hz) |
| Shock resistance | 50 gn conforming to IEC 60068-2-27 |
| Electrical shock protection class | 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 IEC 60529 |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 10.6 cm |
| Package 1 Width | 5.7 cm |
| Package 1 Length | 9.7 cm |
| Package 1 Weight | 2.73 kg |

Offer Sustainability

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| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisobutyl 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |