



Main

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| Range of product | OsiSense XM |
| Pressure sensor type | Electromechanical pressure sensor |
| Pressure sensor name | XMP |
| Pressure sensor size | 12 bar |
| Fluid connection type | 4 x G 1/4 (female) conforming to ISO 228 |
| Controlled fluid | Air (0...70 °C) Fresh water (0...70 °C) Sea water (0...70 °C) |
| Cable entry | 2 entries tapped for Pg 13.5 cable gland conforming to NF C 68-300 |
| Contacts type and composition | 3 NC snap action |
| Product specific application | Bulk packaging |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Electrical connection | Screw-clamp terminals, clamping capacity: minimum : 2 x 4 mm ² |
| Electrical circuit type | Power circuit |
| Scale type | Adjustable differential |
| Local display | Without |
| Sale per indivisible quantity | 10 |

Complementary

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| Adjustable range of switching point on falling pressure | 0.3...10.3 bar |
| Adjustment range high setting | 1.3...12 bar |
| Possible differential minimum at low setting | 1 bar |
| Possible differential minimum at high setting | 1.7 bar |
| Possible differential maximum at high setting | 8.4 bar |
| Destruction pressure | 30 bar |

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| Type of decompression valve | Straight valve instant connection |
| Control type | ON/OFF knob |
| Terminal block type | 6 terminals |
| Pressure actuator | Diaphragm |
| Materials in contact with fluid | Canvas covered nitrile Chromated zinc alloy |
| Enclosure material | PA impregnated with fibreglass |
| Operating position | Any position |
| Maximum operating rate | 10 cyc/mn |
| Repeat accuracy | 3.5 % |
| [Ui] rated insulation voltage | 500 V conforming to EN/IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | EN/IEC 60947-1 6 kV |
| Maximum resistance across terminals | 25 MOhm conforming to IEC 60255-7 category 3 25 MOhm conforming to NF C 93-050 method A |
| Electrical durability | 1000000 cycles 1.5 kW, operating rate <10 cyc/mn, load factor: 0.4, 400 V AC 3 phases 500000 cycles 3 kW, operating rate <10 cyc/mn, load factor: 0.4, 400 V AC 3 phases 600000 cycles 1.5 kW, operating rate <10 cyc/mn, load factor: 0.4, 230 V AC 3 phases 700000 cycles 2.2 kW, operating rate <10 cyc/mn, load factor: 0.4, 400 V AC 3 phases |
| Mechanical durability | 1000000 cycles |
| Setting | Nut |
| Product weight | 0.45 kg |
| Terminals description ISO n°1 | (5-6)NC (1-2)NC (3-4)NC |
| Depth | 98 mm |
| Height | 138 mm |
| Width | 57 mm |

Environment

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| Product certifications | EAC |
| Standards | EN/IEC 60947-4-1 CE |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 3 gn conforming to IEC 60068-2-6 (f = 10...500 Hz) |
| Shock resistance | 50 gn conforming to IEC 60068-2-27 |
| Electrical shock protection class | Class I conforming to IEC 60536 |
| IP degree of protection | IP54 conforming to EN/IEC 60529 |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

Contractual warranty

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| Warranty | 18 months |
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