

XS1M18PA371L1

inductive sensor XS1 M18 - L60mm - stainless
- Sn5mm - 12..48VDC - cable 5m



Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Wiring configuration | 3-wire |
| Output circuit type | DC |
| Protection type | Short-circuit protection |
| Sensor name | XS1 |
| Sensor design | Cylindrical M18 |
| Size | 60 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 5 mm |
| Discrete output function | 1 NO |
| Electrical connection | Cable |
| Cable length | 5 m |
| [Us] rated supply voltage | 12...48 V DC |
| Switching capacity in mA | 5...200 mA DC with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 |

Complementary

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|--------------------------|------------------------------|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...4 mm |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | Output state: 1 LED (yellow) |
| Maximum residual current | 1.5 mA open state |
| Switching frequency | <= 2000 Hz DC |
| Maximum voltage drop | <5.5 V (closed state) |
| Maximum delay first up | 70 ms |
| Maximum delay response | 2 ms |
| Maximum delay recovery | 4 ms |
| Marking | CE |
| Threaded length | 51 mm |
| Length | 60 mm |






Environment

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|---------------------------------------|---|
| Product certifications | CCC CSA UL |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |
| Vibration resistance | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn for 11 ms conforming to IEC 60068-2-7 |

Packing Units

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| Package 1 Weight | 0.287 kg |
| Package 1 Height | 1.330 dm |
| Package 1 width | 0.800 dm |
| Package 1 Length | 0.820 dm |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| 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 |  End of Life Information |