

XS2M18PA371L1

inductive sensor XS2 M18, 12..48VDC, cable
5m



Main

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|------------------------------------|--|
| Range of product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Sensor name | XS2 |
| Sensor design | Cylindrical M18 |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 5 m |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA with overload and short-circuit protection |
| IP degree of protection | IP68 double insulation 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...3.2 mm |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.25 mm ² |
| Wire insulation material | PVC |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 10...36 V DC |
| Maximum voltage drop | <2 V (closed) |
| Current consumption | 0...10 mA no-load |
| Maximum delay first up | 5 ms |
| Marking | CE |

Environment

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|---------------------------------------|---|
| Product certifications | CSA[RETURN]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 60068-2-27 |

Packing Units

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|------------------------------|-----|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |