

XS1M18KP340

inductive sensor XS1 M18 - L60mm - brass - Sn5mm
- 12..24VDC - cable 2m



Main

| | |
|------------------------------------|--|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| 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 | 4-wire |
| [Sn] nominal sensing distance | 5 mm |
| Discrete output function | 1 NO or 1 NC programmable |
| Output circuit type | DC |
| Discrete output type | PNP and NPN |
| Electrical connection | Cable |
| Cable length | 2 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

| | |
|--------------------------|-------------------------------|
| ISO thread | 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 | 4 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | 1 LED yellow for output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 2000 Hz |
| Voltage drop | <= 2.6 V at closed state |
| Current consumption | 0...10 mA at no-load |
| Delay first up | <= 5 ms |
| Delay response | <= 0.15 ms |
| Delay recovery | <= 0.35 ms |
| Marking | CE |
| Threaded length | 51 mm |
| Length | 60 mm |
| CAD overall height | 18 mm |
| CAD overall depth | 60 mm |

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| | |
|----------------|---------|
| Product weight | 0.12 kg |
|----------------|---------|

Environment

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|---------------------------------------|---|
| Product certifications | 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 60068-2-27 |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0808 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

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