

XS618B1MBL2

inductive sensor XS6 M18 - L61.4mm - brass -
Sn8mm - 24..240VAC/DC - cable 2m



Main

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|------------------------------------|--|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS6 |
| Sensor design | Cylindrical M18 |
| Size | 61.4 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Sd] sensing range | > 4...8 mm |
| [Sn] nominal sensing distance | 8 mm |
| Discrete output function | 1 NC |
| Output circuit type | AC/DC |
| Electrical connection | Cable |
| Cable length | 2 m |
| [Us] rated supply voltage | 24...240 V AC/DC (50/60 Hz) |
| Switching capacity in mA | 5...200 mA DC 5...300 mA AC |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 IP69 K conforming to DIN 40050 |

Complementary

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|--------------------------|---------------------------------|
| ISO thread | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...6.4 mm |
| Differential travel | 1...15% of Sr |
| Cable composition | 2 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | 1 LED (yellow) for output state |
| Supply voltage limits | 20...264 V AC/DC |
| Residual current | <= 0.8 mA, open state |
| Switching frequency | <= 25 Hz AC <= 1000 Hz DC |
| Voltage drop | <= 5.5 V, closed state |
| Delay first up | <= 25 ms |
| Delay response | <= 0.5 ms |
| Delay recovery | <= 0.5 ms |
| Marking | CE |
| Threaded length | 51 mm |
| Length | 60 mm |

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|--------------------|---------|
| CAD overall height | 18 mm |
| CAD overall depth | 60 mm |
| 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 (duration = 11 ms) conforming to IEC 60068-2-27 |