

XS612B1PBL5

inductive sensor XS6 M12 - L53mm - brass -
Sn4mm - 12..48VDC - cable 5m



Product availability: Non-Stock - Not normally stocked in distribution facility



Main

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|------------------------------------|--|
| Commercial Status | Commercialised |
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS6 |
| Sensor design | Cylindrical M12 |
| Size | 53 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 | 0.16 in (4 mm) |
| Discrete output function | 1 NC |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 16.4 ft (5 m) |
| [Us] rated supply voltage | 12...48 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA DC with overload and short-circuit protection |
| IP degree of protection | IP69 K conforming to DIN 40050 IP68 double insulation conforming to IEC 60529 |

Complementary

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|--------------------------|---------------------------------|
| ISO thread | M12 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...0.13 in (0...3.2 mm) |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | 1 LED (yellow) for output state |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 2500 Hz |
| Voltage drop | <= 2 V, closed state |
| Current consumption | <= 10 mA (no-load) |
| Delay first up | <= 10 ms |
| Delay response | <= 0.2 ms |
| Delay recovery | <= 0.2 ms |

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| Marking | CE |
| Threaded length | 1.65 in (42 mm) |
| Length | 2.09 in (53 mm) |
| Product weight | 0.43 lb(US) (0.195 kg) |

Environment

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| Product certifications | CSA UL |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Ambient air temperature for storage | -40...185 °F (-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 |

Ordering and shipping details

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| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901399988 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.33 |
| Product availability | Non-Stock - Not normally stocked in distribution facility |
| Returnability | N |
| Country of origin | FR |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0807 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |

Contractual warranty

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|--------|-----------|
| Period | 18 months |
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