



Product availability: Stock - 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 | XS1 |
| Sensor design | Cylindrical M18 |
| Size | 48 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 | 0.2 in (5 mm) |
| Discrete output function | 1 NO + 1 NC |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | 4 pins M12 male connector |
| [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 | IP67 conforming to IEC 60529 |

Complementary

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|-----------------------|-------------------------------|
| ISO thread | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...0.16 in (0...4 mm) |
| Differential travel | 1...15% of Sr |
| Status LED | 1 LED yellow for output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 2000 Hz |
| Voltage drop | <= 2 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 | 1.1 in (28 mm) |
| Height | 0.71 in (18 mm) |

| | |
|----------------|-----------------------|
| Length | 1.89 in (48 mm) |
| Product weight | 0.09 lb(US) (0.04 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 for 11 ms conforming to IEC 60068-2-27 |

Ordering and shipping details

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|-----------------------|---|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901704454 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.12 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | FR |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0821 - 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

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

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