



Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS6 |
| Sensor design | Cylindrical M18 |
| Size | 62 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Sn] nominal sensing distance | 0.31 in (8 mm) |
| Discrete output function | 1 NC |
| Output circuit type | AC/DC |
| Electrical connection | Cable |
| Cable length | 6.56 ft (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 IP69K conforming to DIN 40050 |

Complementary

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|----------------|---------|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |

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| Enclosure material | Nickel plated brass |
| Operating zone | 0...0.25 in (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) output state |
| Supply voltage limits | 20...264 V AC/DC |
| Residual current | <= 0.8 mA, open state |
| Switching frequency | <= 1000 Hz DC <= 25 Hz AC |
| 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 | 2.05 in (52 mm) |
| Length | 2.44 in (62 mm) |
| Product weight | 0.26 lb(US) (0.12 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 | 00785901883890 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.27000000000000002 |
| Returnability | Y |
| Country of origin | ID |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0814 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Contractual warranty

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| Warranty period | 18 months |
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