



Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | Mobile equipment |
| Sensor name | XS6 |
| Sensor design | Cylindrical M30 |
| Size | 62 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 | 15 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| [Us] rated supply voltage | 12...48 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA DC overload and short-circuit protection |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050 |

Complementary

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|----------------|-----------|
| Thread type | M30 x 1.5 |
| Detection face | Frontal |

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| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Sensing range | > 8...15 mm |
| Operating zone | 0.00...0.47 in (0...12 mm) |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 500 Hz |
| Maximum voltage drop | <2 V closed) |
| Current consumption | <= 10 mA no-load |
| Maximum delay first up | 10 ms |
| Maximum delay response | 0.6 ms |
| Maximum delay recovery | 1.4 ms |
| Marking | CE |
| Threaded length | 2.05 in (52 mm) |
| Length | 2.44 in (62 mm) |
| Net weight | 0.46 lb(US) (0.21 kg) |

Environment

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| Product certifications | E2 UL CSA |
| 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 +/- 2 mm 10...55 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |

Packing Units

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|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 6.91 oz (196 g) |
| Package 1 Height | 1.73 in (4.4 cm) |
| Package 1 width | 3.62 in (9.2 cm) |
| Package 1 Length | 4.69 in (11.9 cm) |
| Unit Type of Package 2 | BAG |
| Number of Units in Package 2 | 1 |
| Package 2 Weight | 7.41 oz (210 g) |
| Package 2 Height | 1.38 in (3.5 cm) |
| Package 2 width | 9.84 in (25 cm) |
| Package 2 Length | 7.87 in (20 cm) |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 22 |
| Package 3 Weight | 10.11 lb(US) (4.585 kg) |
| Package 3 Height | 5.91 in (15 cm) |
| Package 3 width | 11.81 in (30 cm) |
| Package 3 Length | 15.75 in (40 cm) |

Offer Sustainability

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|--------------------------|-----------------------------------|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |

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|----------------------------|---|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |