



Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS7 |
| Sensor design | Form 12 x 40 x 26 |
| Size | 26 mm |
| Body type | Fixed |
| Enclosure material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.08 in (2 mm) |
| Discrete output function | 1 NO |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| Wire insulation material | PVC |
| [Us] rated supply voltage | 12...24 V DC |
| Switching capacity in mA | <= 100 mA overload and short-circuit protection |
| IP degree of protection | IP67 IEC 60529 |

Complementary

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| Detection face | Lateral |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Front material | Plastic |
| Operating zone | 0.00...0.06 in (0...1.6 mm) |
| Differential travel | 3...20% of Sr |
| Repeat accuracy | <= 10% of Sr |
| Output circuit type | DC |
| Cable composition | 3 x 0.34 mm ² |
| Status LED | Output state 1 LED yellow) |
| Supply voltage limits | 10...30 V DC |
| Switching frequency | <= 2000 Hz |
| Maximum voltage drop | <1.8 V closed) |
| Current consumption | 0...10 mA no-load |
| Maximum delay first up | 4 ms |
| Maximum delay response | 0.5 ms |
| Maximum delay recovery | 1 ms |
| Marking | CE |
| Depth | 1.02 in (26 mm) |
| Height | 1.57 in (40 mm) |
| Maximum Width | 0.47 in (12 mm) |

Environment

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| Product certifications | 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 |

Ordering and shipping details

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|-----------------------|----------------------------|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901776574 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.21 lb(US) (0.10 kg) |
| Returnability | No |
| Country of origin | ID |

Packing Units

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| Package 1 Height | 0.450 dm |
| Package 1 width | 0.450 dm |
| Package 1 Length | 1.400 dm |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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