



Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Sensor name | XS2 |
| Sensor design | Cylindrical M8 |
| Size | 44 mm |
| Body type | Fixed |
| Enclosure material | Nickel plated brass |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.1 in (2.5 mm) |
| Discrete output function | 1 NO |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 16.4 ft (5 m) |
| [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 | M8 x 1 |
| Detection face | Frontal |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Metal |
| Front material | PPS |
| Operating zone | 0...0.08 in (0...2 mm) |
| Differential travel | 1...15% of Sr |
| Output circuit type | DC |
| Cable composition | 3 x 0.11 mm ² |
| Wire insulation material | PVC |
| Status LED | 1 LED yellow output state |
| Supply voltage limits | 10...36 V DC |
| Voltage drop | <= 2 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 5 ms |
| Delay response | <= 0.5 ms |
| Delay recovery | <= 1 ms |
| Marking | CE |
| Threaded length | 1.22 in (31 mm) |
| Height | 0.31 in (8 mm) |
| Length | 1.73 in (44 mm) |
| Product weight | 0.34 lb(US) (0.155 kg) |

Environment

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|---------------------------------------|----------------------------|
| product certifications | CSA UL |
| ambient air temperature for operation | -13...158 °F (-25...70 °C) |

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| 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 11 ms conforming to IEC 60068-2-27 |

Offer Sustainability

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| Not Green Premium product | Not Green Premium product |
| Compliant - since 0903 - Schneider Electric declaration of conformity | Compliant - since 0903 - Schneider Electric declaration of conformity |
| Available | Available |
| Available | Available |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | 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 | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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