



## Main

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Range of product                   | OsiSense XS                       |
| Series name                        | General purpose                   |
| Sensor type                        | Inductive proximity sensor        |
| Sensor name                        | XS4                               |
| Sensor design                      | Cylindrical M18                   |
| Size                               | 70 mm                             |
| Body type                          | Fixed                             |
| Detector flush mounting acceptance | Non flush mountable               |
| Material                           | Plastic                           |
| Type of output signal              | Discrete                          |
| Wiring technique                   | 2-wire                            |
| [Sn] nominal sensing distance      | 8 mm                              |
| Discrete output function           | 1 NC                              |
| Output circuit type                | AC/DC                             |
| Electrical connection              | Male connector 1/2"20 UNF, 3 pins |
| [Us] rated supply voltage          | 24...240 V AC/DC 50/60 Hz         |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC    |
| IP degree of protection            | IP67 IEC 60529                    |

## Complementary

|                    |                             |
|--------------------|-----------------------------|
| Thread type        | M18 x 1                     |
| Detection face     | Frontal                     |
| Front material     | PPS                         |
| Enclosure material | PPS                         |
| Operating zone     | 0.00...0.25 in (0...6.4 mm) |

|                          |                              |
|--------------------------|------------------------------|
| Differential travel      | 1...15% of Sr                |
| Status LED               | Output state: 1 LED (yellow) |
| Supply voltage limits    | 20...264 V AC/DC             |
| Maximum residual current | 0.6 mA open state            |
| Switching frequency      | <= 2000 Hz DC<br><= 25 Hz AC |
| Maximum voltage drop     | <5.5 V (closed)              |
| Maximum delay first up   | 40 ms                        |
| Maximum delay response   | 0.2 ms                       |
| Maximum delay recovery   | 0.2 ms                       |
| Marking                  | CE                           |
| Threaded length          | 2.05 in (52 mm)              |
| Height                   | 0.71 in (18 mm)              |
| Length                   | 2.76 in (70 mm)              |
| Net weight               | 0.09 lb(US) (0.04 kg)        |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | Ecolab<br>CCC<br>UL<br>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

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Weight             | 1.55 oz (44 g)         |
| Package 1 Height             | 1.57 in (4 cm)         |
| Package 1 width              | 2.64 in (6.7 cm)       |
| Package 1 Length             | 3.74 in (9.5 cm)       |
| Unit Type of Package 2       | BAG                    |
| Number of Units in Package 2 | 1                      |
| Package 2 Weight             | 1.55 oz (44 g)         |
| Package 2 Height             | 0.71 in (1.8 cm)       |
| Package 2 width              | 7.87 in (20 cm)        |
| Package 2 Length             | 5.91 in (15 cm)        |
| Unit Type of Package 3       | S01                    |
| Number of Units in Package 3 | 22                     |
| Package 3 Weight             | 2.62 lb(US) (1.187 kg) |
| Package 3 Height             | 5.91 in (15 cm)        |
| Package 3 width              | 5.91 in (15 cm)        |
| Package 3 Length             | 15.75 in (40 cm)       |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |

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|--------------------------|---|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
| Circularity Profile      | <a href="#">End of Life Information</a>       |

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### Contractual warranty

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| Warranty | 18 months |
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