



## Main

|                                    |  |
|------------------------------------|--|
| Range of product                   | OsiSense XS  |
| Series name                        | General purpose                                    |
| Sensor type                        | Inductive proximity sensor                         |
| Device application                 | -  |
| Sensor name                        | XS7  |
| Sensor design                      | Flat form 26 x 26 x 13                             |
| Size                               | 13 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Flush mountable                                    |
| Material                           | Plastic  |
| Enclosure material                 | PBT  |
| Type of output signal              | Discrete   |
| Wiring technique                   | 3-wire   |
| Discrete output function           | 1 NO   |
| Output circuit type                | DC   |
| Discrete output type               | PNP  |
| Electrical connection              | 4 pins M12 remote male connector                   |
| Cable length                       | 0.49 ft (0.15 m)                                   |
| [Us] rated supply voltage          | 12...24 V DC with reverse polarity protection      |
| Switching capacity in mA           | <= 100 mA DC overload and short-circuit protection |
| IP degree of protection            | IP67 double insulation conforming to IEC 60529     |

## Complementary

|                          |                              |
|--------------------------|------------------------------|
| Detection face           | Frontal                      |
| Front material           | PBT                          |
| Operating zone           | 0.00...0.31 in (0...8 mm)    |
| Differential travel      | 1...15% of Sr                |
| Wire insulation material | PvR                          |
| Status LED               | Output state: 1 LED (yellow) |
| Supply voltage limits    | 10...36 V DC                 |
| Switching frequency      | <= 1000 Hz                   |
| Maximum voltage drop     | <2 V (closed)                |
| Current consumption      | <= 10 mA no-load             |
| Maximum delay first up   | 10 ms                        |
| Maximum delay response   | 2 ms                         |
| Maximum delay recovery   | 6 ms                         |
| Marking                  | CE                           |
| Depth                    | 0.51 in (13 mm)              |
| Height                   | 1.02 in (26 mm)              |
| Maximum Width            | 1.02 in (26 mm)              |
| Net Weight               | 0.09 lb(US) (0.04 kg)        |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | Ecolab<br>CSA<br>UL<br>C-tick   |
| 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 for 11 ms conforming to IEC 60068-2-27                            |

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 00785901293330             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.12 lb(US) (0.05 kg)      |
| Returnability         | No                         |
| Country of origin     | ID                         |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 0.420 dm |
| Package 1 width  | 0.950 dm |
| Package 1 Length | 0.660 dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |

## Contractual warranty

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