



### Main

|                                    |  |
|------------------------------------|--|
| Range of product                   | OsiSense XS  |
| Series name                        | General purpose                                    |
| Sensor type                        | Inductive proximity sensor                         |
| Device application                 | -  |
| Sensor name                        | XS8  |
| Sensor design                      | Flat form 26 x 26 x 13                             |
| Size                               | 13 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Non flush mountable                                |
| Material                           | Plastic  |
| Enclosure material                 | PBT  |
| Type of output signal              | Discrete   |
| Wiring technique                   | 2-wire   |
| [Sn] nominal sensing distance      | 10 mm flush mountable<br>15 mm non flush mountable |
| Discrete output function           | 1 NO   |
| Output circuit type                | AC/DC  |
| Electrical connection              | Remote male connector 1/2"20 UNF, 3 pins           |
| Cable length                       | 0.15 m   |
| [Us] rated supply voltage          | 24...240 V AC/DC 50/60 Hz                          |
| Switching capacity in mA           | 5...200 mA AC/DC                                   |
| IP degree of protection            | IP67 double insulation conforming to IEC 60529     |

### Complementary




|                      |  |
|----------------------|--|
| Detection face       | Frontal  |
| Front material       | PBT  |
| Fine adjustment zone | 5...10 mm flush mountable<br>5...15 mm non flush mountable |

|                          |                   |
|--------------------------|-------------------|
| Differential travel      | 1...15% of Sr     |
| Wire insulation material | PvR               |
| Supply voltage limits    | 20...264 V AC/DC  |
| Maximum residual current | 1.5 mA open state |
| Switching frequency      | <= 2000 Hz        |
| Maximum voltage drop     | <5.5 V (closed)   |
| Current consumption      | <= 10 mA no-load  |
| Maximum delay first up   | 10 ms             |
| Maximum delay response   | 0.3 ms            |
| Maximum delay recovery   | 0.8 ms            |
| Marking                  | CE                |
| Depth                    | 13 mm             |
| Height                   | 26 mm             |
| Width                    | 26 mm             |
| Net weight               | 0.04 kg           |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>UL<br>CCC<br>Ecolab  |
| Ambient air temperature for operation | -25...70 °C   |
| Ambient air temperature for storage   | -40...85 °C   |
| Vibration resistance                  | 25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance                      | 50 gnfor 11 ms conforming to IEC 60068-2-27                             |

## 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> |
| Environmental Disclosure |  <a href="#">Product Environmental Profile</a>   |

## Contractual warranty

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