



## Main

|                               |                            |
|-------------------------------|----------------------------|
| Range of product              | OsiSense XS                |
| Series name                   | General purpose            |
| Sensor type                   | Inductive proximity sensor |
| Product specific application  | -                          |
| Sensor name                   | XSD                        |
| Sensor design                 | Form 80 x 80 x 40          |
| Size                          | 40 mm                      |
| Body type                     | Fixed                      |
| Enclosure material            | Plastic                    |
| Type of output signal         | Discrete                   |
| Wiring technique              | 4-wire                     |
| [Sn] nominal sensing distance | 40 mm                      |
| Discrete output function      | 1 NO + 1 NC                |
| Discrete output type          | PNP                        |
| Electrical connection         | Screw-clamp terminals      |
| [Us] rated supply voltage     | 12...48 V DC               |
| IP degree of protection       | IP67                       |

## Complementary

|                                    |                                        |
|------------------------------------|----------------------------------------|
| Detection face                     | Frontal                                |
| Detector flush mounting acceptance | Non flush mountable                    |
| Material                           | Plastic                                |
| Front material                     | Plastic                                |
| Output circuit type                | DC                                     |
| Cable entry                        | 1 entry tapped for Pg 13.5 cable gland |
| Switching capacity in mA           | <= 200 mA                              |

|                     |                  |
|---------------------|------------------|
| Switching frequency | <= 50 Hz         |
| Marking             | CE               |
| Depth               | 1.57 in (40 mm)  |
| Height              | 3.94 in (100 mm) |
| Width               | 3.15 in (80 mm)  |

## Environment

|                                       |                            |
|---------------------------------------|----------------------------|
| Product certifications                | CCC                        |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Weight             | 17.46 oz (495 g)       |
| Package 1 Height             | 2.17 in (5.5 cm)       |
| Package 1 width              | 3.54 in (9 cm)         |
| Package 1 Length             | 5.98 in (15.2 cm)      |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 11                     |
| Package 2 Weight             | 12.90 lb(US) (5.85 kg) |
| Package 2 Height             | 5.91 in (15 cm)        |
| Package 2 width              | 11.81 in (30 cm)       |
| Package 2 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>                                                                               |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                     |

## Contractual warranty

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