



## Main

|                                    |  |
|------------------------------------|--|
| Range of product                   | OsiSense XS  |
| Series name                        | General purpose  |
| Sensor type                        | Inductive proximity sensor   |
| Wiring configuration               | 2-wire   |
| Output circuit type                | AC/DC  |
| Protection type                    | Short-circuit protection   |
| Device application                 | 2-wire DC short-circuit protection   |
| Sensor name                        | XS1  |
| Sensor design                      | Cylindrical M18  |
| Size                               | 60 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Flush mountable  |
| Material                           | Metal  |
| Type of output signal              | Discrete   |
| Wiring technique                   | 2-wire   |
| [Sn] nominal sensing distance      | 0.2 in (5 mm)  |
| Discrete output function           | 1 NO   |
| Electrical connection              | Cable  |
| [Us] rated supply voltage          | 24...240 V AC 50/60 Hz<br>24...210 V DC  |
| Switching capacity in mA           | 5...200 mA DC with overload and short-circuit protection<br>5...300 mA AC with overload and short-circuit protection |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529   |

## Complementary

|                |         |
|----------------|---------|
| Thread type    | M18 x 1 |
| Detection face | Frontal |

|                          |  |
|--------------------------|--|
| Front material           | PPS  |
| Enclosure material       | Nickel plated brass                                |
| Operating zone           | 0...0.16 in (0...4 mm)                             |
| Differential travel      | 1...15% of Sr                                      |
| Cable composition        | 2 x 0.34 mm <sup>2</sup>                           |
| Wire insulation material | PvR  |
| Status LED               | 1 LED green supply on<br>1 LED yellow output state |
| Supply voltage limits    | 20...264 V AC/DC                                   |
| Residual current         | <= 1.5 mA open state                               |
| Switching frequency      | <= 2000 Hz DC<br><= 25 Hz AC                       |
| Voltage drop             | <= 5.5 V at closed state                           |
| Delay first up           | <= 70 ms   |
| Delay response           | <= 2 ms  |
| Delay recovery           | <= 4 ms  |
| Marking                  | CE   |
| Height                   | 0.71 in (18 mm)                                    |
| Length                   | 2.36 in (60 mm)                                    |

## Environment

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

## Ordering and shipping details

|                       |                            |
|-----------------------|----------------------------|
| Category              | 22486 - SENSORS, PROXIMITY |
| Discount Schedule     | DS2                        |
| GTIN                  | 00785901100140             |
| Nbr. of units in pkg. | 1                          |
| Package weight(Lbs)   | 0.44                       |
| Returnability         | N                          |
| Country of origin     | FR                         |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0847 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |

## Contractual warranty

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

Product Life Status

END OF COMMERCIALIZATION