



### Main

|                               |                              |
|-------------------------------|------------------------------|
| Range of product              | OsiSense XS                  |
| Series name                   | General purpose              |
| Sensor type                   | Inductive proximity sensor   |
| Sensor name                   | XS1                          |
| Sensor design                 | Cylindrical M18              |
| Size                          | 58 mm                        |
| Body type                     | Fixed                        |
| Enclosure material            | Nickel plated brass          |
| Type of output signal         | Discrete                     |
| Wiring technique              | 2-wire                       |
| [Sn] nominal sensing distance | 5 mm                         |
| Discrete output function      | 1 NO                         |
| Electrical connection         | Cable                        |
| Cable length                  | 5 m                          |
| [Us] rated supply voltage     | 24...240 V AC                |
| Switching capacity in mA      | 5...300 mA                   |
| IP degree of protection       | IP67 conforming to IEC 60529 |

### Complementary

|                                    |                               |
|------------------------------------|-------------------------------|
| ISO thread                         | M18 x 1                       |
| Detection face                     | Frontal                       |
| Detector flush mounting acceptance | Flush mountable               |
| Material                           | Metal                         |
| Front material                     | PPS                           |
| Operating zone                     | 0...4 mm                      |
| Differential travel                | 1...15% of Sr                 |
| Output circuit type                | AC                            |
| Cable composition                  | 2 x 0.34 mm <sup>2</sup>      |
| Wire insulation material           | PVC                           |
| Status LED                         | 1 LED yellow for output state |
| Supply voltage limits              | 20...264 V AC                 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                  |                          |
|------------------|--------------------------|
| Residual current | <= 1.5 mA for open state |
| Voltage drop     | <= 4.5 V at closed state |
| Delay first up   | <= 40 ms                 |
| Delay response   | <= 10 ms                 |
| Delay recovery   | <= 15 ms                 |
| Marking          | CE                       |
| Threaded length  | 58 mm                    |
| Height           | 18 mm                    |
| Length           | 58 mm                    |
| Product weight   | 0.24 kg                  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CSA<br>UL<br>CCC  |
| 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 gn for 11 ms conforming to IEC 60068-2-27                            |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| RoHS (date code: YYWW)           | Compliant - since 0903 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| Product environmental profile    | Available<br><a href="#">End of Life Information</a>  |
| Product end of life instructions | Available   |

## Contractual warranty

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

## XS118BLFAL5 is replaced by:



### Inductive sensors XS XS518B1MAL5

inductive sensor XS5 M18 - L62mm - brass - Sn5mm - 24..240VAC/DC - cable 5m

Qty 1

Reason for Substitution: Rebranding | Substitution date: 11 January 2013 | -