

## XS4P12MB230L2

inductive sensor XS4 M12 - L50mm - PPS - Sn4mm - 24..240VAC/DC - cable 10m



### Main

|                                    |  |
|------------------------------------|--|
| Range of product                   | OsiSense XS                                    |
| Series name                        | General purpose                                |
| Sensor type                        | Inductive proximity sensor                     |
| Device application                 | -  |
| Sensor name                        | XS4  |
| Sensor design                      | Cylindrical M12                                |
| Size                               | 52 mm  |
| Body type                          | Fixed  |
| Detector flush mounting acceptance | Non flush mountable                            |
| Material                           | Plastic  |
| Type of output signal              | Discrete                                       |
| Wiring technique                   | 2-wire   |
| [Sn] nominal sensing distance      | 4 mm   |
| Discrete output function           | 1 NC   |
| Output circuit type                | AC/DC  |
| Electrical connection              | Cable  |
| Cable length                       | 10 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            | IP68 double insulation conforming to IEC 60529 |

### Complementary

|                          |                                  |
|--------------------------|----------------------------------|
| Thread type              | M12 x 1                          |
| Detection face           | Frontal                          |
| Front material           | PPS                              |
| Enclosure material       | PPS                              |
| Operating zone           | 0...3.2 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 (yellow) for output state  |
| Supply voltage limits    | 20...264 V AC/DC                 |
| Residual current         | <= 0.6 mA (open state)           |
| Switching frequency      | <= 25 Hz (AC)<br><= 3000 Hz (DC) |
| Voltage drop             | <= 5.5 V (closed)                |
| Delay first up           | <= 40 ms                         |
| Delay response           | <= 0.2 ms                        |
| Delay recovery           | <= 0.2 ms                        |
| Marking                  | CE                               |
| Threaded length          | 42 mm                            |
| Height                   | 12 mm                            |
| Length                   | 52 mm                            |
| Product weight           | 0.385 kg                         |

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Environment

|                                       |   |
|---------------------------------------|---|
| product certifications                | CCC<br>CSA<br>UL  |
| 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 (duration = 11 ms) conforming to IEC 60068-2-27                   |

Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0813 - Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                     |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |

Contractual warranty

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