

# XS230SAMAL5

inductive sensor XS2 M30 - L63mm - stainless -  
Sn22mm - 24..240VAC/DC - L5m



## Main

|                                    |                                                                                 |
|------------------------------------|---------------------------------------------------------------------------------|
| Range of product                   | OsiSense XS                                                                     |
| Series name                        | Application                                                                     |
| Sensor type                        | Inductive proximity sensor                                                      |
| Device application                 | Food and beverage                                                               |
| Sensor name                        | XS2                                                                             |
| Sensor design                      | Cylindrical M30                                                                 |
| Size                               | 63 mm                                                                           |
| Body type                          | Fixed                                                                           |
| Detector flush mounting acceptance | Non flush mountable                                                             |
| Material                           | Stainless steel                                                                 |
| Type of output signal              | Discrete                                                                        |
| Wiring technique                   | 2-wire                                                                          |
| [Sn] nominal sensing distance      | 22 mm                                                                           |
| Discrete output function           | 1 NO                                                                            |
| Output circuit type                | AC/DC                                                                           |
| Electrical connection              | Cable                                                                           |
| Cable length                       | 5 m                                                                             |
| [Us] rated supply voltage          | 24...240 V DC<br>24...240 V AC 50/60 Hz                                         |
| Switching capacity in mA           | 5...200 mA DC<br>5...300 mA AC                                                  |
| IP degree of protection            | IP68 double insulation conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

## Complementary

|                     |                          |
|---------------------|--------------------------|
| Thread type         | M30 x 1.5                |
| Detection face      | Frontal                  |
| Front material      | PPS                      |
| Enclosure material  | Stainless steel 316 L    |
| Operating zone      | 0...17.6 mm              |
| Differential travel | 1...15% of Sr            |
| 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/DC              |
| Residual current         | <= 0.8 mA for open state      |
| Switching frequency      | <= 25 Hz AC<br><= 300 Hz DC   |
| Voltage drop             | <= 5.5 V at closed state      |
| Delay first up           | <= 30 ms                      |
| Delay response           | <= 0.5 ms                     |
| Delay recovery           | <= 2 ms                       |
| Marking                  | CE                            |
| Threaded length          | 41 mm                         |
| Length                   | 63 mm                         |
| Product weight           | 0.325 kg                      |

## Environment

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Product certifications                | CCC<br>CSA<br>UL                                                        |
| Ambient air temperature for operation | -25...85 °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 0821 - 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 |
|-----------------|-----------|