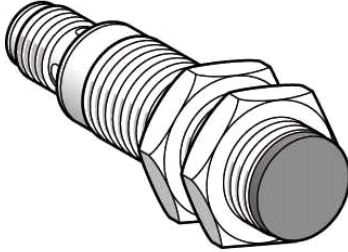


XS230AAMAU20

inductive sensor XS2 M30 - L70mm - PPS - Sn22mm
- 24..240VAC/DC - 1/2"



Main

| | |
|------------------------------------|--|
| Range of product | OsiSense XS |
| Series name | Application |
| Sensor type | Inductive proximity sensor |
| Product specific application | Food and beverage |
| Sensor name | XS2 |
| Sensor design | Cylindrical M30 |
| Size | 70 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 | 22 mm |
| Discrete output function | 1 NO |
| Output circuit type | AC/DC |
| Electrical connection | 3 pins 1/2"20 UNF male connector |
| [Us] rated supply voltage | 24...240 V AC 50/60 Hz 24...240 V DC |
| Switching capacity in mA | 5...200 mA DC 5...300 mA AC |
| IP degree of protection | IP69 K conforming to DIN 40050 IP67 conforming to IEC 60529 |

Complementary

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|-----------------------|-------------------------------|
| ISO thread | M30 x 1.5 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | PPS |
| Operating zone | 0...17.6 mm |
| Differential travel | 1...15% of Sr |
| 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 <= 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 | 51 mm |
| Length | 60 mm |
| Product weight | 0.14 kg |

Environment

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|---------------------------------------|---|
| Product certifications | CCC CSA 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

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0821 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |