# XS230SAMAL2

Inductive proximity sensors XS, inductive sensor XS2 M30, L63mm, stainless, Sn22mm, 24...240VAC/DC, L2m

Green Premium™ Product

## Main

| | |
|---|---|
| Range of Product | Telemecanique Inductive proximity sensors XS |
| Series name | Application |
| Sensor Type | Inductive proximity sensor |
| Device Application | Food and beverage |
| Market Segment | Pharmaceutical |
| 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 | 0.87 in (22 mm) |
| Discrete output function | 1 NO |
| Output circuit type | AC/DC |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| [Us] rated supply voltage | 24...240 V AC 50/60 Hz<br>24...240 V DC |
| 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 |
| Sensing range | > 0.59...1.57 in (> 15...40 mm) |
| Operating zone | 0.00…0.69 in (0…17.6 mm) |
| Differential travel | 1...15% of Sr |
| Cable composition | 2 x 0.34 mm² |
| Wire insulation material | PVC |
| Status LED | Output state 1 LED yellow) |
| Supply voltage limits | 20…264 V AC/DC |
| Maximum residual current | 0.8 mA open state |
| Switching frequency | <= 25 Hz AC<br><= 300 Hz DC |
| Maximum voltage drop | <5.5 V closed) |
| Maximum delay first up | 30 ms |
| Maximum delay response | 0.5 ms |
| Maximum delay recovery | 2 ms |
| Marking | CE |

| Threaded length | 1.61 in (41 mm) |
| --- | --- |
| Length | 2.48 in (63 mm) |
| Net Weight | 0.45 lb(US) (0.205 kg) |

## Environment

| Product Certifications | UL<br>CCC<br>CSA |
| --- | --- |
| Ambient Air Temperature for Operation | -13…185 °F (-25…85 °C) |
| Ambient Air Temperature for Storage | -40…185 °F (-40…85 °C) |
| Vibration resistance | 25 gn +/- 2 mm 10…55 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms IEC 60068-2-27 |

## Ordering and shipping details

| Category | 22486-SENSORS, PROXIMITY |
| --- | --- |
| Discount Schedule | DS2 |
| GTIN | 3389119113380 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 6.42 oz (182.0 g) |
| Returnability | Yes |
| Country of origin | FR |

## Packing Units

| Unit Type of Package 1 | PCE |
| --- | --- |
| Package 1 Height | 1.38 in (3.5 cm) |
| Package 1 width | 3.15 in (8 cm) |
| Package 1 Length | 8.07 in (20.5 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 11 |
| Package 2 Weight | 4.85 lb(US) (2.2 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 cm) |
| Package 3 Height | 5.91 in (15 cm) |

## Offer Sustainability

| Sustainable offer status | Green Premium product |
| --- | --- |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

## Contractual warranty

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

Life Is On | Schneider Electric

## Dimensions
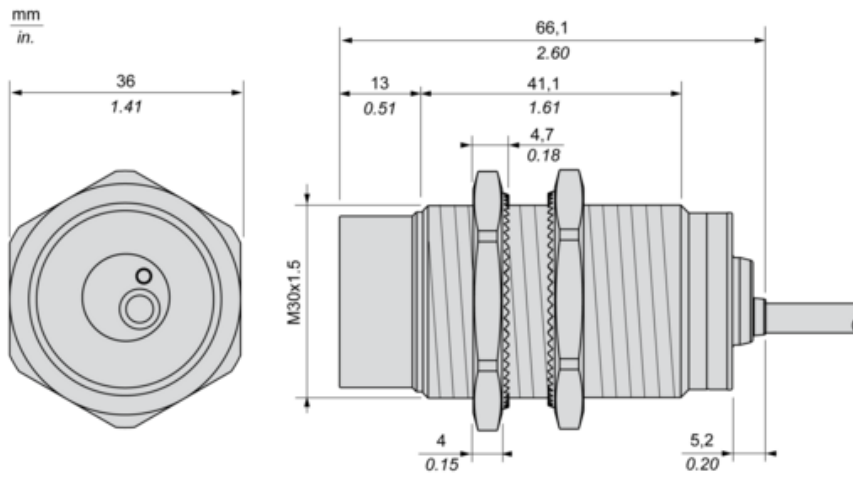
## Minimum Mounting Distances in mm

Side by side

e (1) ≥ 120 mm/4.72 in.

Face to face
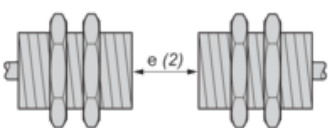
e (2) ≥ 264 mm/10.39 in.

Facing a metal object
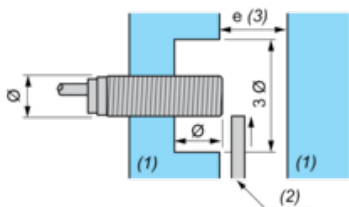
e (3) ≥ 66 mm/2.60 in.

(4) Metal

(5) Object to be detected