# XS218SANAM12

inductive sensor XS2 M18 - L70mm - stainless - Sn12mm - 12..24VDC - M12

Green Premium Product

## 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 M18 |
| Size | 70 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Stainless steel |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 12 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | 4 pins M12 male connector |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA with overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529<br>IP69K conforming to DIN 40050 |

## Complementary

| | |
|---|---|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Stainless steel 316 L |

| | |
|---|---|
| Operating zone | 0...9.6 mm |
| Differential travel | 1...15% of Sr |
| Status LED | 1 LED yellow for output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 10 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.7 ms |
| Marking | CE |
| Threaded length | 42 mm |
| Length | 70 mm |

## Environment

| | |
|---|---|
| Product certifications | 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

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant  - since  0936  -  Schneider Electric declaration of conformity<br><br>Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold<br><br>Reference not containing SVHC above the threshold |
| Product environmental profile | Available<br><br>End of Life Information |
| Product end of life instructions | Available |

## Contractual warranty

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

Life Is On | Schneider Electric

## XS218SANAM12

## Dimensions
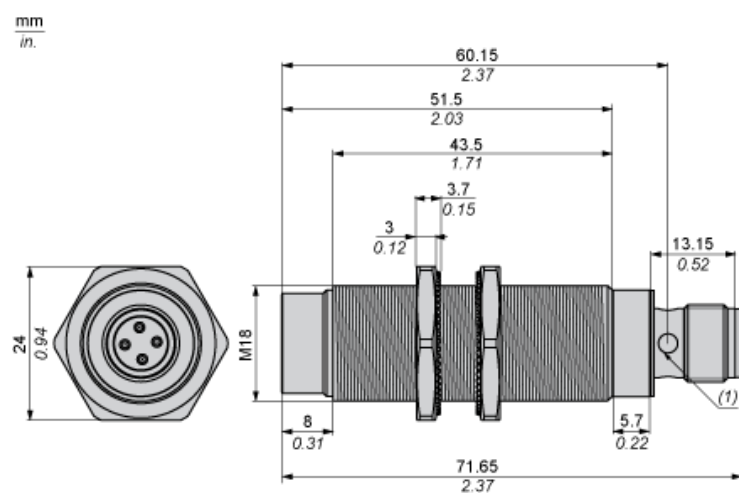


(1)        LED

## Minimum Mounting Distances

Side by side
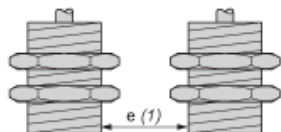


e (1) ≥     72 mm/2.83 in.

Face to face
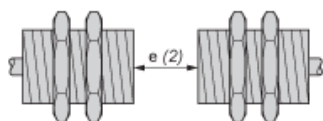


e (2) ≥     144 mm/5.67 in.

Facing a metal object
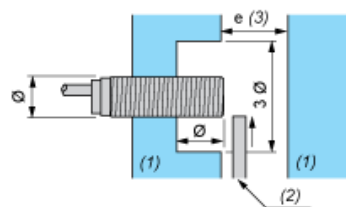


e (3) ≥     36 mm/1.42 in
(1)         Metal
(2)         Object to be detected

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## Wiring Schemes

M12 connector



NPN