# XS218SAPAL2

inductive sensor XS2 M18 - L60mm - stainless - Sn12mm - 12..24VDC - cable 2m

Green Premium™ Product

Product availability:  Stock - Normally stocked in distribution facility

## 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 | 60 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 | 0.47 in (12 mm) |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| [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 | IP68 double insulation conforming to IEC 60529 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...0.38 in (0...9.6 mm) |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm² |
| Wire insulation material | PVC |
| Status LED | 1 LED yellow 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 | 1.57 in (40 mm) |

| Length | 2.36 in (60 mm) |
|---|---|
| Product weight | 0.26 lb(US) (0.12 kg) |

## Environment

| | |
|---|---|
| Product certifications | UL<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 amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn 11 ms conforming to IEC 60068-2-27 |

## Ordering and shipping details

| | |
|---|---|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901525240 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.27000000000000002 |
| Returnability | Y |
| Country of origin | FR |

## Offer Sustainability

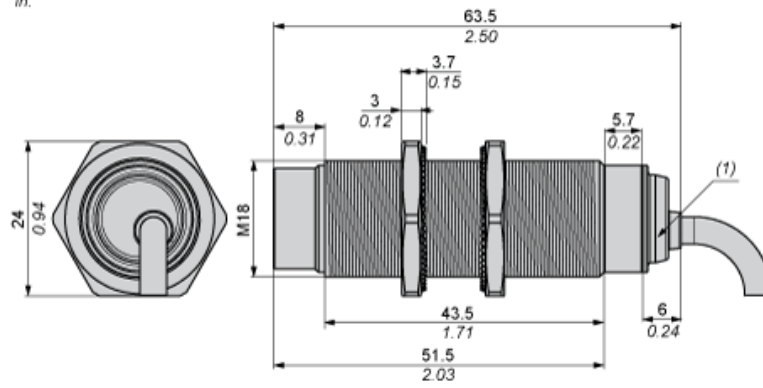| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0936 - Schneider Electric declaration of conformity ⤢Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - - - Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| - - - - - - - Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - - - More information | For more information go to www.p65warnings.ca.gov |

## Contractual warranty

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

# XS218SAPAL2

## Dimensions



(1)    LED

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## Minimum Mounting Distances

Side by side
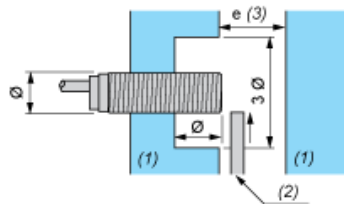
e (1)  72 mm/2.83 in.
≥

Face to face

e (2)  144 mm/5.67 in.
≥

Facing a metal object

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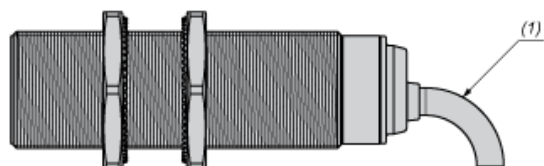≥
(1)    Metal
(2)    Object to be detected

## Mounting

(1)    Bending cable: 4 x external cable diameter

# XS218SAPAL2

## Wiring Schemes

PNP



BU : Blue
BN : Brown
BK : Black

# Mouser Electronics

Authorized Distributor


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