# Product data sheet
## Characteristics

# XS212BLPAM12

inductive sensor XS2 M12 - L55mm - brass - Sn4mm - 12..24VDC - M12

Product availability : Stock - Normally stocked in distribution facility

Green Premium

## Main

| | |
|---|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Sensor name | XS2 |
| Sensor design | Cylindrical M12 |
| Size | 55 mm |
| Body type | Fixed |
| Enclosure material | Nickel plated brass |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.16 in (4 mm) |
| Discrete output function | 1 NO |
| Discrete output type | PNP |
| 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 |

## Complementary

| | |
|---|---|
| ISO thread | M12 x 1 |
| Detection face | Frontal |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Metal |
| Front material | PBT |
| Operating zone | 0...0.13 in (0...3.2 mm) |
| Differential travel | 1...15% of Sr |

Sep 29, 2017

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|---|---|
| Output circuit type | DC |
| Status LED | 1 LED yellow output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 1200 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 15 ms |
| Delay response | <= 0.15 ms |
| Delay recovery | <= 0.4 ms |
| Marking | CE |
| Threaded length | 1.14 in (29 mm) |
| Height | 0.47 in (12 mm) |
| Length | 2.17 in (55 mm) |
| Product weight | 0.03 lb(US) (0.015 kg) |

## Environment

| | |
|---|---|
| Product certifications | CSA<br>UL |
| Ambient air temperature for operation | -13...158 °F (-25...70 °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 | 22414 - SENSORS, INDUCTIVE, BASIC |
| Discount Schedule | DS2 |
| GTIN | 00785901438526 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 8.9999999999999997E-2 |
| Returnability | Y |
| Country of origin | ID |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0903 - Schneider Electric declaration of conformity<br>Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

## Contractual warranty

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

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