

Product data sheet

Characteristics

XS1N30PA349

inductive sensor XS1 M30 - L43mm - brass -
Sn20mm - 12..24VDC - cable 2m



ⓘ Discontinued

Main

| | |
|------------------------------------|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS1 |
| Sensor design | Cylindrical M30 |
| Size | 43 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Enclosure material | Nickel plated brass |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.79 in (20 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 reverse polarity protection |
| Switching capacity in mA | <= 200 mA DC overload and short-circuit protection |
| IP degree of protection | IP68 double insulation IEC 60529 IP69K conforming to DIN 40050 |

Complementary

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|----------------|-----------|
| Thread type | M30 x 1.5 |
| Detection face | Frontal |

| | |
|--------------------------|------------------------------|
| Front material | PPS |
| Operating zone | 0.00...0.63 in (0...16 mm) |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | Output state: 1 LED (yellow) |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 500 Hz |
| Maximum voltage drop | <2 V closed) |
| Current consumption | 0...10 mA no-load |
| Maximum delay first up | 5 ms |
| Maximum delay response | 0.6 ms |
| Maximum delay recovery | 1.4 ms |
| Marking | CE |
| Threaded length | 1.26 in (32 mm) |
| Height | 1.18 in (30 mm) |
| Length | 1.69 in (43 mm) |
| Net weight | 0.35 lb(US) (0.16 kg) |

Environment

| | |
|---------------------------------------|---|
| Product certifications | UL CSA |
| Ambient air temperature for operation | -13...122 °F (-25...50 °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 |

Packing Units

| | |
|------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 5.64 oz (160 g) |
| Package 1 Height | 1.26 in (3.2 cm) |
| Package 1 width | 5.63 in (14.3 cm) |
| Package 1 Length | 4.33 in (11 cm) |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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

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|----------|-----------|
| Warranty | 18 months |
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XS1N30PA349 is replaced by:



Inductive sensors XS XS630B1PAL2

inductive sensor XS6 M30 - L62mm - brass - Sn15mm - 12..48VDC - cable 2m

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017 | Proximity Switch, 30mm dia
