

XS1N30PA349D

Inductive proximity sensors XS, inductive sensor XS1 M30, L55mm, brass, Sn20mm, 12...24 VDC, M12



Main

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|------------------------------------|---|
| Range of Product | Telemecanique Inductive proximity sensors XS |
| Series name | General purpose |
| Sensor Type | Inductive proximity sensor |
| Device Application | - |
| Sensor name | XS1 |
| Sensor design | Cylindrical M30 |
| Size | 55 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 | 0.8 in (20 mm) |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Male connector M12, 4 pins |
| [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 | IP67 conforming to 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 | 0.0000000000...0.6 in (0...16 mm) |
| Differential travel | 1...15% of Sr |
| 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 | 1.3 in (32 mm) |
| Height | 1.2 in (30 mm) |
| Length | 2.2 in (55 mm) |
| Net Weight | 0.2 lb(US) (0.1 kg) |

Environment

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| Product Certifications | UL[RETURN]CSA |
| Ambient Air Temperature for Operation | -13.0000000000...122.0000000000 °F (-25...50 °C) |
| Ambient Air Temperature for Storage | -40.0000000000...185.0000000000 °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

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|-------------------|---------------|
| Category | US10DS222486 |
| Discount Schedule | 0DS2 |
| GTIN | 3389110911473 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.614 in (4.100 cm) |
| Package 1 Width | 3.740 in (9.500 cm) |
| Package 1 Length | 2.559 in (6.500 cm) |
| Package 1 Weight | 4.127 oz (117.000 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 44 |
| Package 2 Height | 5.9 in (15 cm) |
| Package 2 Width | 11.8 in (30 cm) |
| Package 2 Length | 15.7 in (40 cm) |
| Package 2 Weight | 12.150 lb(US) (5.511 kg) |

Offer Sustainability

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| 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 |
| Circularity Profile |  End of Life Information |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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