

XS106B3NBM8

inductive sensor XS1 Ø6.5 - L42mm - brass - Sn2.5mm - 12..24VDC - M8



Product availability: Stock - Normally stocked in distribution facility



Main

| | |
|------------------------------------|--|
| Commercial Status | Commercialised |
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS1 |
| Sensor design | Cylindrical Ø 6.5 mm plain |
| Size | 42 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 0.1 in (2.5 mm) |
| Discrete output function | 1 NC |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | M8 male connector, 3 pins |
| [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 IP65 conforming to IEC 60529 |
| Sale per indivisible quantity | 1 |

Complementary

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|-----------------------|---------------------------------|
| Detection face | Frontal |
| Front material | PPS |
| Enclosure material | Nickel plated brass |
| Operating zone | 0...0.08 in (0...2 mm) |
| Differential travel | 1...15% of Sr |
| Status LED | 1 LED (yellow) for output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 2500 Hz |
| Voltage drop | <= 2 V (closed state) |
| Current consumption | <= 10 mA (no-load) |
| Delay first up | <= 10 ms |
| Delay response | <= 0.2 ms |
| Delay recovery | <= 0.2 ms |
| Marking | CE |
| Length | 1.65 in (42 mm) |
| Product weight | 0.07 lb(US) (0.03 kg) |

Environment

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|---------------------------------------|---|
| Standards | UL |
| Product certifications | CSA |
| 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 (duration = 11 ms) conforming to IEC 60068-2-27 |

Ordering and shipping details

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|-----------------------|---|
| Category | 21571 - SENSORS, ELECTRONIC BASIC XU & XS |
| Discount Schedule | DS2 |
| GTIN | 003389119046220 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.02 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | FR |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 1004 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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