

XS8C2A1NCM12

Inductive proximity sensors XS, inductive sensor XS8 40x40x70, PBT, Sn20 mm, 12...48 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 | Mobile equipment |
| Sensor name | XS8 |
| Sensor design | Form 40 x 40 x 70 |
| Size | 70 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Enclosure Material | PBT |
| Type of output signal | Discrete |
| Wiring Technique | 3-wire |
| [Sn] nominal sensing distance | 0.79 in (20 mm) |
| Discrete output function | 1 NO + 1 NC |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | Male connector M12, 4 pins |
| [Us] rated supply voltage | 12...48 V DC reverse polarity protection |
| Switching capacity in mA | <= 200 mA overload and short-circuit protection |
| IP degree of protection | IP67 conforming to IEC 60529 IP65 conforming to IEC 60529 IP69K conforming to DIN 40050 |

Complementary

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|------------------------|--|
| Detection face | 5 positions turret head |
| Front material | PBT |
| Operating zone | 0.00...0.63 in (0...16 mm) |
| Differential travel | 3...15% of Sr |
| Repeat accuracy | <= 3% of Sr |
| Status LED | Supply on 1 LED green) Output state 1 LED yellow) |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 300 Hz |
| Maximum voltage drop | <2 V closed) |
| Current consumption | 0...15 mA no-load |
| Maximum delay first up | 7.5 ms |
| Maximum delay response | 1.2 ms |
| Maximum delay recovery | 1.8 ms |
| Marking | CE |
| Height | 1.57 in (40 mm) |
| Length | 1.57 in (40 mm) |
| Width | 2.76 in (70 mm) |
| Net Weight | 0.33 lb(US) (0.149 kg) |

Environment

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| Product Certifications | E2 CSA UL CCC |
| 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 +/- 2 mm 10...55 Hz)IEC 60068-2-6 |
| Shock resistance | 50 gn 11 msEN 60068-2-27 |

Ordering and shipping details

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|-----------------------|----------------------------|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 3389119057981 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 5.26 oz (149 g) |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.65 in (4.2 cm) |
| Package 1 width | 1.73 in (4.4 cm) |
| Package 1 Length | 3.39 in (8.6 cm) |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 8.26 lb(US) (3.748 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 5.91 in (15 cm) |
| Package 2 Length | 15.75 in (40 cm) |

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 |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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