

Product data sheet

Characteristics

XS8C2A4PCM12

inductive sensor XS8 40x40x70 - PBT - Sn40 mm
- 12..48VDC - M12

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 | XS8 |
| Sensor design | Form 40 x 40 x 70 |
| Size | 70 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Enclosure material | PBT |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sn] nominal sensing distance | 1.57 in (40 mm) |
| Discrete output function | 1 NO + 1 NC |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | 4 pins M12 male connector |
| [Us] rated supply voltage | 12...48 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA with overload and short-circuit protection |
| IP degree of protection | IP69K conforming to DIN 40050 IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 |

Complementary

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|-----------------------|--|
| Detection face | 5 positions turret head |
| Front material | PBT |
| Operating zone | 0...1.26 in (0...32 mm) |
| Differential travel | 3...15% of Sr |
| Repeat accuracy | <= 3% of Sr |
| Status LED | 1 LED yellow for output state 1 LED green for supply on |
| Supply voltage limits | 10...58 V DC |
| Switching frequency | <= 500 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | 0...15 mA at no-load |
| Delay first up | <= 7.5 ms |
| Delay response | <= 1.4 ms |
| Delay recovery | <= 2.5 ms |
| Marking | CE |

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|----------------|------------------------|
| Height | 1.57 in (40 mm) |
| Length | 1.57 in (40 mm) |
| Width | 2.76 in (70 mm) |
| Product weight | 0.33 lb(US) (0.149 kg) |

Environment

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|---------------------------------------|---|
| Product certifications | CCC CSA TÜV 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 for 11 ms conforming to EN 60068-2-27 |

Ordering and shipping details

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|-----------------------|---|
| Category | 22486 - SENSORS, PROXIMITY |
| Discount Schedule | DS2 |
| GTIN | 00785901931737 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.33 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | ID |

Contractual warranty

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