

Product Datasheet

Characteristic

XS1M08PC410

inductive sensor XS1 M8 - L50mm - stainless - Sn1.5mm - 12..24VDC - cable 2m



Main

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|------------------------------------|--|
| range of product | OsiSense XS |
| series name | General purpose |
| sensor type | Inductive proximity sensor |
| device application | - |
| sensor name | XS1 |
| sensor design | Cylindrical M8 |
| size | 50 mm |
| body type | Fixed |
| detector flush mounting acceptance | Flush mountable |
| material | Stainless steel |
| type of output signal | Discrete |
| wiring technique | 4-wire |
| [Sn] nominal sensing distance | 0.06 in (1.5 mm) |
| discrete output function | 1 NO + 1 NC |
| 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 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 |

Complementary

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|--------------------------|--------------------------|
| thread type | M8 x 1 |
| detection face | Frontal |
| front material | PPS |
| enclosure material | Stainless steel 303 |
| operating zone | 0...0.05 in (0...1.2 mm) |
| differential travel | 1...15% of Sr |
| cable composition | 4 x 0.08 mm ² |
| wire insulation material | PvR |

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|-----------------------|---------------------------|
| status LED | 1 LED yellow output state |
| supply voltage limits | 10...36 V DC |
| switching frequency | <= 5000 Hz |
| voltage drop | <= 2 V at closed state |
| current consumption | 0...10 mA at no-load |
| delay first up | <= 5 ms |
| delay response | <= 0.1 ms |
| delay recovery | <= 0.1 ms |
| marking | CE |
| threaded length | 1.65 in (42 mm) |
| height | 0.31 in (8 mm) |
| length | 1.97 in (50 mm) |
| product weight | 0.08 lb(US) (0.035 kg) |

Environment

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|---------------------------------------|---|
| product certifications | CSA 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 11 ms conforming to IEC 60068-2-27 |

Offer Sustainability

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|----------------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 1005 - Schneider Electric declaration of conformity |
| Product environmental profile | Available |
| Product end of life instructions | Available |