# XS4P12NA340

inductive sensor XS4 M12 - L33mm - PPS - Sn4mm - 12..24VDC - cable 2m

## Main

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|---|---|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS4 |
| Sensor design | Cylindrical M12 |
| Size | 33 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Type of output signal | Discrete |
| Wiring technique | 3-wire |
| [Sd] sensing range | > 2.5...4 mm |
| [Sn] nominal sensing distance | 4 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | NPN |
| Electrical connection | Cable |
| Cable length | 2 m |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 200 mA DC with overload and short-circuit protection |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 |

## Complementary

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|---|---|
| ISO thread | M12 x 1 |
| Detection face | Frontal |
| Enclosure material | PPS |
| Operating zone | 0...3.2 mm |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm² |
| Wire insulation material | PvR |
| Status LED | 1 LED (yellow) for output state |
| Supply voltage limits | 10...36 V DC |
| Switching frequency | <= 5000 Hz |
| Voltage drop | <= 2 V (closed state) |
| Current consumption | <= 10 mA (no-load) |
| Delay first up | <= 10 ms |
| Delay response | <= 0.1 ms |
| Delay recovery | <= 0.1 ms |
| Marking | CE |
| Threaded length | 26 mm |
| Length | 33 mm |
| CAD overall height | 12 mm |

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|---|---|
| CAD overall depth | 33 mm |
| Product weight | 0.06 kg |

## Environment

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|---|---|
| Product certifications | CSA<br>UL |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -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 |
| RoHS EUR status | Compliant |
| RoHS EUR conformity date | 0807 |

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