

XS7C1A1PAL2

inductive sensor XS7 40x40x15 - PBT - Sn15mm -
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 | XS7 |
| Sensor design | Flat form 40 x 40 x 15 |
| Size | 15 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 | 15 mm |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Discrete output type | PNP |
| Electrical connection | Cable |
| Cable length | 2 m |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | <= 100 mA DC with overload and short-circuit protection |
| IP degree of protection | IP68 double insulation conforming to IEC 60529 |

Complementary

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|--------------------------|-------------------------------|
| Detection face | Frontal |
| Front material | PBT |
| Operating zone | 0...12 mm |
| Differential travel | 1...15% of Sr |
| Cable composition | 3 x 0.34 mm ² |
| Wire insulation material | PvR |
| Status LED | 1 LED yellow for output state |
| Supply voltage limits | 10...36 V DC |
| Residual current | <= 0.5 mA for open state |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 2 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | 10 ms |
| Delay response | 2 ms |
| Delay recovery | 5 ms |
| Marking | CE |
| Depth | 15 mm |
| Height | 40 mm |
| Width | 40 mm |
| CAD overall height | 54 mm |

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| CAD overall depth | 15 mm |
| Product weight | 0.095 kg |

Environment

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| Product certifications | CSA C-Tick 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 for 11 ms conforming to IEC 60068-2-27 |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS | Compliant - since 0903 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |