



Main

| | |
|------------------------------------|--|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Device application | - |
| Sensor name | XS7 |
| Sensor design | Flat form 26 x 26 x 13 |
| Size | 13 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Flush mountable |
| Material | Plastic |
| Enclosure material | PBT |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| Discrete output function | 1 NO |
| Output circuit type | DC |
| Electrical connection | 4 pins M12 remote male connector, pin assignment : 3-4 |
| Cable length | 0.15 m |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Switching capacity in mA | 1.5...100 mA DC with overload and short-circuit protection |
| IP degree of protection | IP67 double insulation conforming to IEC 60529 |

Complementary

| | |
|--------------------------|-------------------------------|
| Detection face | Frontal |
| Front material | PBT |
| Operating zone | 0...8 mm |
| Differential travel | 1...15% of Sr |
| 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 | <= 4 V at closed state |
| Delay first up | 5 ms |
| Delay response | 0.3 ms |
| Delay recovery | 0.7 ms |
| Marking | CE |
| Depth | 13 mm |
| Height | 26 mm |
| Width | 26 mm |
| Product weight | 0.04 kg |

Environment

| | |
|---------------------------------------|---|
| Product certifications | CSA C-Tick UL Ecolab |
| 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

| | |
|----------------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 0903 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| Product environmental profile | Available Product Environmental Profile |
| Product end of life instructions | Need no specific recycling operations End of Life Information |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|