



Main

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| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Product specific application | - |
| Sensor name | XS8 |
| Sensor design | Flat form 40 x 40 x 15 |
| Size | 15 mm |
| Body type | Fixed |
| Detector flush mounting acceptance | Non flush mountable |
| Material | Plastic |
| Enclosure material | PBT |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Sd] sensing range | > 15...40 mm |
| [Sn] nominal sensing distance | 15 mm flush mountable 25 mm non flush mountable |
| Discrete output function | 1 NC |
| Output circuit type | AC/DC |
| Electrical connection | 3 pins 1/2"20 UNF remote male connector |
| Cable length | 0.15 m |
| [Us] rated supply voltage | 24...240 V AC/DC 50/60 Hz |
| Switching capacity in mA | 5...200 mA DC 5...300 mA AC |
| IP degree of protection | IP67 double insulation conforming to IEC 60529 |

Complementary

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| Detection face | Frontal |
| Fine adjustment zone | 8...15 mm flush mountable 8...25 mm non flush mountable |
| Differential travel | 1...15% of Sr |
| Wire insulation material | PvR |
| Supply voltage limits | 20...264 V AC/DC |
| Residual current | <= 1.5 mA for open state |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 5.5 V at closed state |
| Current consumption | <= 10 mA at no-load |
| Delay first up | <= 10 ms |
| Delay response | <= 0.3 ms |
| Delay recovery | <= 0.8 ms |
| Marking | CE |
| Depth | 15 mm |
| Height | 40 mm |
| Length | 150 mm |
| Width | 40 mm |
| CAD overall depth | 15 mm |
| Product weight | 0.06 kg |

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Environment

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| Product certifications | CCC CSA 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 |
| RoHS EUR status | Compliant |
| RoHS EUR conformity date | 0825 |