



Main

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| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUX |
| Sensor design | Compact 92 x 71 |
| Detection system | Diffuse |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NC |
| Electrical connection | Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor |
| Product specific application | - |
| Emission | Infrared diffuse |
| [Sn] nominal sensing distance | 2.1 m diffuse |

Complementary

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| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 3 m diffuse |
| Output type | Solid state |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 7...10 mm |
| Status LED | 1 LED (green) for supply 1 LED (yellow) for output state |
| [Us] rated supply voltage | 12...24 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 250 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | <= 35 mA (no-load) |
| Delay first up | < 15 ms |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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|----------------|------------------------|
| Delay response | < 2 ms |
| Delay recovery | < 2 ms |
| Setting-up | Sensitivity adjustment |
| Depth | 77 mm |
| Height | 92 mm |
| Width | 31 mm |
| Product weight | 0.2 kg |

Environment

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| Product certifications | CE CSA UL |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |

Offer Sustainability

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|------------------------|---|
| RoHS (date code: YYWW) | Compliant - since 1136 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |

Contractual warranty

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| Warranty period | 18 months |
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