



Main

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| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUM |
| Sensor design | Miniature |
| Detection system | Diffuse with background suppression |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NO or 1 NC programmable |
| Electrical connection | 1 male connector M8, 4 pins |
| Product specific application | - |
| Emission | Red diffuse with background suppression |
| [Sn] nominal sensing distance | 0.3 m diffuse with background suppression |

Complementary

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| Enclosure material | PBT |
| Lens material | PC |
| Maximum sensing distance | 0.3 m diffuse with background suppression |
| Output type | Solid state |
| Wire insulation material | PVC |
| Status LED | 1 LED (red) for instability 1 LED (yellow) for output state |
| [Us] rated supply voltage | 12...24 V DC |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 500 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | 35 mA (no-load) |

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 first up | 30 ms |
| Delay response | 1 ms |
| Delay recovery | 1 ms |
| Setting-up | Without sensitivity adjustment |
| Depth | 27 mm |
| Height | 38 mm |
| Length | 11 mm |
| Width | 12 mm |
| Product weight | 0.02 kg |

Environment

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| Product certifications | CE CSA UL |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -30...70 °C |
| Immunity to ambient light | 3000 lux with natural light 3000 lux with incandescent light |
| 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 1210 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
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Contractual warranty

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| Warranty period | 18 months |
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