



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 | Polarised reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 5-wire |
| Discrete output function | 1 C/O |
| Electrical connection | Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 36.09 ft (11 m) polarised reflex need reflector XUZC50 |

Complementary

| | |
|---------------------------|--|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 49.21 ft (15 m) polarised reflex |
| Output type | Relay |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 0.28...0.39 in (7...10 mm) |
| Status LED | 1 LED (green) supply 1 LED (red) instability 1 LED (yellow) output state |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC |
| Switching capacity in mA | 0.5 A (cos ϕ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) 3 A (cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V) |
| Switching frequency | <= 20 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | <= 35 mA (no-load) |
| Power consumption in W | 2 W AC/DC |
| Delay first up | < 60 ms |
| Delay response | < 25 ms |
| Delay recovery | < 25 ms |
| Setting-up | Sensitivity adjustment |
| Electrical durability | 500000 cycles, cos ϕ = 0.4, 60 cyc/mn at 250 V 500000 cycles, cos ϕ = 1, 60 cyc/mn at 250 V |
| Depth | 3.03 in (77 mm) |
| Height | 3.62 in (92 mm) |
| Width | 1.22 in (31 mm) |
| Product weight | 0.44 lb(US) (0.2 kg) |

Environment

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|------------------------|-----------------|
| product certifications | CE CSA UL |
|------------------------|-----------------|

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|---------------------------------------|--|
| ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| ambient air temperature for storage | -40...158 °F (-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 |

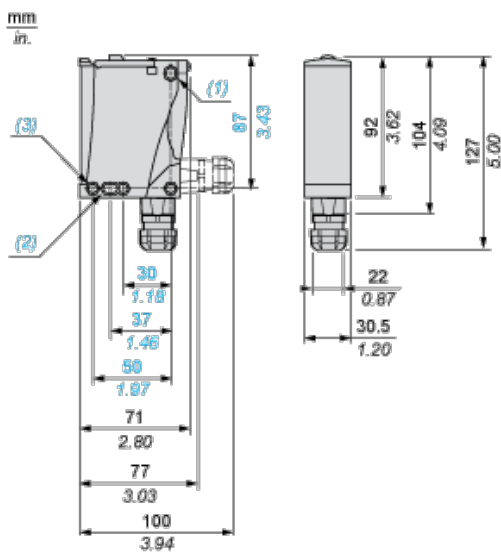
Offer Sustainability

| | |
|--|--|
| Not Green Premium product | Not Green Premium product |
| Compliant - since 0914 - Schneider Electric declaration of conformity | Compliant - since 0914 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to www.p65warnings.ca.gov | For more information go to www.p65warnings.ca.gov |

Contractual warranty

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



- (1) Elongated hole \varnothing 5.5 x 7
- (2) Elongated hole \varnothing 5.5 x 9
- (3) \varnothing 5.5 hole

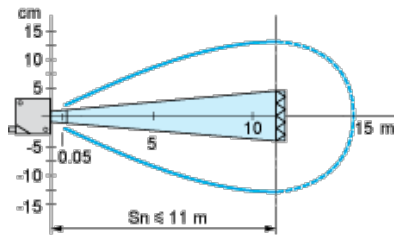
Wiring Schemes

Relay Output AC/DC

| Terminals | | |
|-----------|--|--------------|
| 1 | | AC/DC |
| 2 | | AC/DC |
| 3 | | NO |
| 4 | | Relay common |



Detection Curves



With reflector XUZC50