



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 | Polarised reflex |
| 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 | Cable |
| Emission | Red polarised reflex |

Complementary

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|---------------------------|----------------------------------------------------------|
| Enclosure material | PBT |
| Lens material | PMMA |
| Output type | Solid state |
| Wire insulation material | PVC |
| Status LED | 1 LED (green) instability 1 LED (orange) output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...30 V DC |
| Switching capacity in mA | <= 100 mA (overload and short-circuit protection) |
| Switching frequency | <= 1000 Hz |
| Voltage drop | <= 3 V (closed state) |
| Current consumption | <= 10 mA (no-load) |
| Delay first up | < 100 ms |
| Delay response | < 1 ms |
| Delay recovery | 0.5 ms |
| Setting-up | Sensitivity adjustment by potentiometer |

Environment

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|---------------------------------------|-----------------------------------------------------------------------------|
| product certifications | CE CURus |
| ambient air temperature for operation | -13...131 °F (-25...55 °C) |
| ambient air temperature for storage | -22...158 °F (-30...70 °C) |
| immunity to ambient light | 3000 lux with natural light 3000 lux with incandescent light |
| vibration resistance | 20 gn, amplitude = +/- 1.5 mm (f = 10...500 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 50 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP67 conforming to IEC 60529 |

Offer Sustainability

| | |
|---------------------------------------------------|--------------------------------------------------------------|
| Not Green Premium product | Not Green Premium product |
| Will not be Compliant | Will not be Compliant |
| WARNING: This product can expose you to chemicals | WARNING: This product can expose you to chemicals including: |

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.

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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