



Main

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| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUL |
| Sensor design | Compact |
| 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 NO or 1 NC programmable |
| Electrical connection | 1 male connector M12, 4 pins |
| Product specific application | - |
| Emission | Infrared diffuse |
| [Sn] nominal sensing distance | 2.3 ft (0.7 m) diffuse |

Complementary

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| Enclosure material | ABS |
| Lens material | PMMA |
| Maximum sensing distance | 2.95 ft (0.9 m) |
| Output type | Solid state |
| Output function governance | Light or dark programmable |
| Add on output | Without |
| Cable composition | 4 x 0.34 mm ² |
| Wire insulation material | PVC |
| Cable outer diameter | 0.24 in (6 mm) |
| Status LED | 1 LED 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 | <= 250 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | <= 35 mA (no-load) |
| Delay first up | <= 15 ms |
| Delay response | <= 2 ms |
| Delay recovery | <= 2 ms |
| Setting-up | Without sensitivity adjustment |
| Depth | 1.38 in (35 mm) |
| Height | 2.76 in (70 mm) |
| Width | 0.71 in (18 mm) |
| Product weight | 0.3 lb(US) (0.135 kg) |
| Kit composition | Sensor Bracket XULZ41 |

Environment

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| product certifications | CE CSA |
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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 = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 20 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP671 conforming to NF C 20-010 IP67 conforming to IEC 60529 |

Offer Sustainability

| | |
|--|--|
| Not Green Premium product | Not Green Premium product |
| Will be Compliant on 3Q2013 | Will be Compliant on 3Q2013 Will be Compliant on 3Q2013 |
| 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

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