



Main

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|-------------------------------|-----------------------------|
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUB |
| Sensor design | Cylindrical M18 |
| Detection system | Diffuse |
| Material | Metal |
| Line of sight type | Axial |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | NPN |
| Discrete output function | 1 NO |
| Electrical connection | Cable |
| Cable length | 16.4 ft (5 m) |
| Product specific application | - |
| Emission | Infrared diffuse |
| [Sn] nominal sensing distance | 1.97 ft (0.6 m) diffuse |

Complementary

| | |
|---------------------------|---|
| Enclosure material | Nickel plated brass |
| Lens material | PMMA |
| Maximum sensing distance | 2.62 ft (0.8 m) diffuse |
| Output type | Solid state |
| Add on output | Without |
| Wire insulation material | PvR |
| Status LED | 1 LED (yellow) output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...36 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) |
| Delay first up | < 15 ms |
| Delay response | < 1 ms |
| Delay recovery | < 1 ms |
| Setting-up | Sensitivity adjustment |
| Diameter | 0.71 in (18 mm) |
| Length | 3.07 in (78 mm) |

Environment

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

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| IP degree of protection | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |
|-------------------------|--|

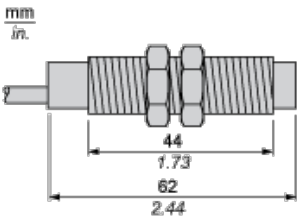
Offer Sustainability

| | |
|--|--|
| 3389110396706 | 3389110396706 |
| Compliant - since 0847 - Schneider Electric declaration of conformity | Compliant - since 0847 - Schneider Electric declaration of conformity |
| 3389110396706 | 3389110396706 |
| 3389110396706 | 3389110396706 |
| 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

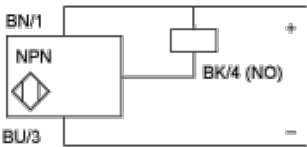
| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions



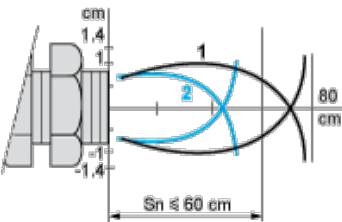
Wiring Schemes

NPN Outputs



BN : Brown
 BU : Blue
 BK : Black

Detection Curves



1 : White 90%
 2 : Grey 18%
 Object 10 x 10 cm