# XUBTAPSNM12

photo-electric sensor - XUBT - polarised - Sn 1.4m - 12..24VDC - M12

Green Premium

## Main

| | |
|---|---|
| Range of product | OsiSense XU |
| Series name | Application packaging |
| Electronic sensor type | Photo-electric sensor |
| Product specific application | Detection of transparent object |
| Sensor name | XUBT |
| Sensor design | Cylindrical M18 |
| Detection system | Reflex |
| Material | Plastic |
| Line of sight type | Axial |
| 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 |
| Emission | Coaxial polarised red reflex |
| [Sn] nominal sensing distance | 0...1.4 m with reflector XUZ C50/C50HP |

## Complementary

| | |
|---|---|
| Kit composition | Reflector XUZC50HP<br>Sensor |
| Enclosure material | PBT |
| Lens material | PMMA |
| Beam angle | 1.5 ° |
| Blind zone | 0 mm |
| Spot diameter | 37 mm |
| Type of output signal | Discrete |
| Output type | Solid state |
| Status LED | 1 LED (green) for supply on<br>1 LED (red) for stability<br>1 LED (yellow) for output state |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection |
| Supply voltage limits | 10...32 V DC |
| Switching capacity in mA | 100 mA (overload and short-circuit protection) |
| Switching frequency | 1000 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | 45 mA (no-load) |
| Delay first up | < 200 ms |
| Delay response | < 500 ms |
| Delay recovery | < 500 ms |
| Product weight | 0.045 kg |

## Environment

| | |
|---|---|
| Product certifications | CE<br>CSA<br>UL |
| Ambient air temperature for operation | 0...55 °C |
| Ambient air temperature for storage | -40...70 °C |
| Vibration resistance | 7 gn, amplitude = +/- 1 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<br>IP67 (double insulation) conforming to IEC 60529<br>IP69K (double insulation) conforming to DIN 40050 |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0724 - Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |

Telemecanique
Sensors