

XUB9BPANM12

photo-electric sensor - XUB - polarised - Sn 2m
- 12..24VDC - M12



Main

| | |
|-------------------------------|--|
| 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 | Polarised reflex |
| [Sd] sensing range | > 1...5 m |
| Material | Metal |
| Line of sight type | Axial |
| Type of output signal | Discrete |
| Supply circuit type | DC |
| Wiring technique | 3-wire |
| Discrete output type | PNP |
| Discrete output function | 1 NO |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 2 m polarised reflex need reflector XUZC50 |

Complementary

| | |
|---------------------------|---|
| Enclosure material | Nickel plated brass |
| Lens material | PMMA |
| Maximum sensing distance | 3 m polarised reflex |
| Output type | Solid state |
| Add on output | Without |
| Status LED | 1 LED (yellow) for 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 | Without sensitivity adjustment |
| Diameter | 18 mm |
| Length | 62 mm |
| Product weight | 0.05 kg |

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.

Environment

| | |
|---------------------------------------|--|
| Product certifications | CE CSA UL |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -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 | IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529 |
| RoHS EUR status | Compliant |
| RoHS EUR conformity date | 0901 |