

XUB5APANL2

photo-electric sensor - XUB - diffuse - Sn 0.6m
- 12..24VDC - cable 2m

Product availability: Stock - Normally stocked in distribution facility



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 | Diffuse |
| Material | Plastic |
| 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 |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| Product specific application | - |
| Emission | Infrared diffuse |
| [Sn] nominal sensing distance | 1.97 ft (0.6 m) diffuse |

Complementary

| | |
|---------------------------|---|
| Enclosure material | PBT |
| 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 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 | 2.99 in (76 mm) |
| Product weight | 0.1 lb(US) (0.045 kg) |

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Environment

| | |
|---------------------------------------|--|
| Product certifications | CSA CE 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 |
| IP degree of protection | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|---------------------------------------|
| Category | 22415 - SENSORS, PHOTOELECTRIC, BASIC |
| Discount Schedule | DS2 |
| GTIN | 00785901909699 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.20999999999999999 |
| Returnability | Y |
| Country of origin | ID |

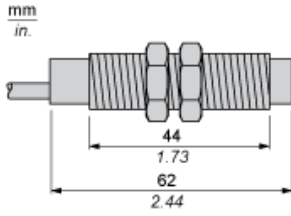
Offer Sustainability

| | |
|---------------------------|--|
| RoHS (date code: YYWW) | Compliant - since 0814 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| ----- Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| ----- Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| ----- More information | For more information go to www.p65warnings.ca.gov |

Contractual warranty

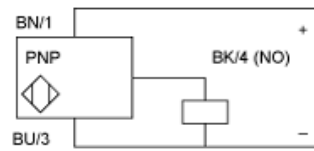
| | |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Dimensions



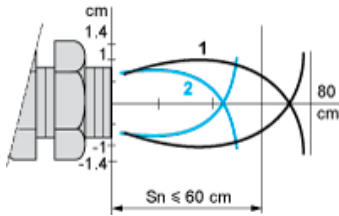
Wiring Schemes

PNP Outputs



BN : Brown
BU : Blue
BK : Black

Detection Curves



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

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