# XUB9BPBNL5

photo-electric sensor - XUB - polarised - Sn 2m - 12..24VDC - cable 5m

Green Premium™ Product

**Product Life Status :**   END OF COMMERCIALIZATION

TODAY
FEB 22, 2021

End of Commercialization
NOV 03, 2020

End of Standard Service
NOV 30, 2021

## 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 |
| 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 NC |
| Electrical connection | Cable |
| Cable length | 5 m |
| Product specific application | - |
| Emission | Red polarised reflex |
| [Sn] nominal sensing distance | 2 m polarised reflex need reflector XUZC50 |
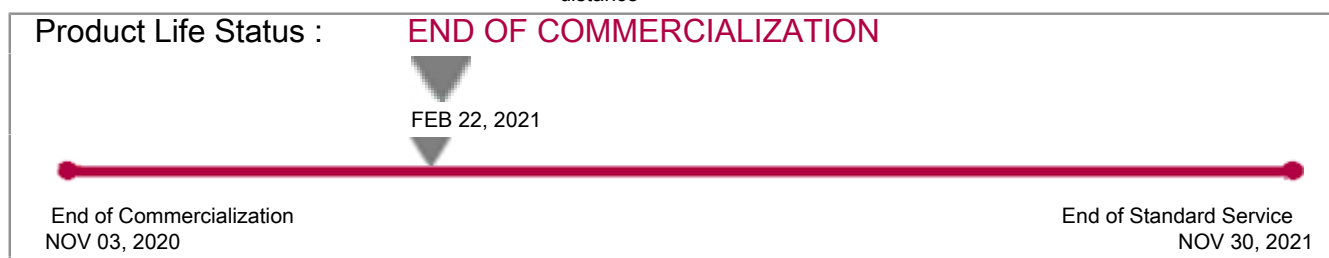
## Complementary

| | |
|---|---|
| Enclosure material | Nickel plated brass |
| Lens material | PMMA |
| Maximum sensing distance | 3 m polarised reflex |
| Output type | Solid state |
| Add on output | Without |
| Wire insulation material | PvR |
| 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 |

| Maximum voltage drop | <1.5 V (closed state) |
| --- | --- |
| Current consumption | 35 mA no-load |
| Maximum delay first up | 15 ms |
| Maximum delay response | 1 ms |
| Maximum delay recovery | 1 ms |
| Setting-up | Without sensitivity adjustment |
| Diameter | 18 mm |
| Length | 62 mm |

## Environment

| Product certifications | UL<br>CSA<br>CE |
| --- | --- |
| 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<br>IP65 double insulation conforming to IEC 60529 |

## Packing Units

| Unit Type of Package 1 | PCE |
| --- | --- |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 194 g |
| Package 1 Height | 6.8 cm |
| Package 1 width | 9.7 cm |
| Package 1 Length | 13.2 cm |

## Offer Sustainability

| Sustainable offer status | Green Premium product |
| --- | --- |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

## Contractual warranty

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

## Dimensions
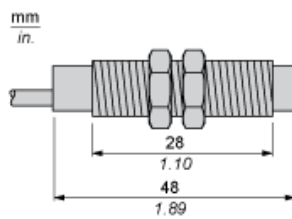
## Wiring Schemes

### PNP Outputs



BN : Brown
BU : Blue
BK : Black

Telemecanique
Sensors

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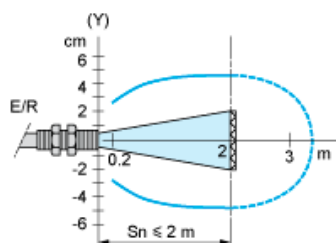
(Y)    Ø of beam
With reflector XUZC50