

# XUB2APANL2R

photo-electric sensor - XUB - receiver - Sn 15m -  
12..24VDC - cable 2m



## Main

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Range of product              | OsiSense XU                                   |
| Series name                   | General purpose single mode                   |
| Electronic sensor type        | Photo-electric sensor receiver                |
| Sensor name                   | XUB                                           |
| Sensor design                 | Cylindrical M18                               |
| Detection system              | Thru beam                                     |
| 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                  | 2 m                                           |
| Product specific application  | -                                             |
| Emission                      | Infrared thru beam                            |
| [Sn] nominal sensing distance | 15 m thru beam need a transmitter XUB2AKSNL2T |

## Complementary

|                          |                                 |
|--------------------------|---------------------------------|
| Enclosure material       | PBT                             |
| Lens material            | PMMA                            |
| Maximum sensing distance | 20 m thru beam                  |
| 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                                         |
| 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                    | 46 mm                                             |

## Environment

|                                       |                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------|
| Product certifications                | CSA<br>CE<br>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               | IP65 double insulation conforming to IEC 60529<br>IP67 double insulation conforming to IEC 60529 |

## Offer Sustainability

|                          |                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status | Green Premium product                                                                                                                                                                                                     |
| RoHS (date code: YYWW)   | Compliant - since 0903 - Schneider Electric declaration of conformity<br> <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                    | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                                                                                                    |

## Contractual warranty

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