

# XUK5APANL2

photo-electric sensor - XUK - diffuse - Sn 1m -  
12..24VDC - cable 2m



## Main

|                               |                             |
|-------------------------------|-----------------------------|
| Range of product              | OsiSense XU                 |
| Series name                   | General purpose single mode |
| Electronic sensor type        | Photo-electric sensor       |
| Sensor name                   | XUK                         |
| Sensor design                 | Compact 50 x 50             |
| Detection system              | Diffuse                     |
| Material                      | Plastic                     |
| 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 diffuse            |
| [Sn] nominal sensing distance | 1 m diffuse                 |

## Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | PBT   |
| Lens material             | PMMA  |
| Maximum sensing distance  | 1.5 m diffuse                                     |
| Output type               | Solid state                                       |
| Wire insulation material  | PVC   |
| Status LED                | 1 LED (yellow) for output state                   |
| [Us] rated supply voltage | 12...24 V DC                                      |
| Switching capacity in mA  | <= 100 mA (overload and short-circuit protection) |
| Switching frequency       | <= 250 Hz   |
| Maximum voltage drop      | <1.5 V (closed state)                             |
| Current consumption       | <= 35 mA no-load                                  |
| Maximum delay first up    | 15 ms   |

|                        |                                |
|------------------------|--------------------------------|
| Maximum delay response | 2 ms                           |
| Maximum delay recovery | 2 ms                           |
| Setting-up             | Without sensitivity adjustment |
| Depth                  | 50 mm                          |
| Height                 | 50 mm                          |
| Width                  | 18 mm                          |
| Net weight             | 0.07 kg                        |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CE<br>UL<br>CSA   |
| 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                            |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End of Life Information</a>   |

## Contractual warranty

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