

# XUK9ANANL2

photo-electric sensor - XUK - polarised - Sn 5m -  
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              | Polarised reflex                           |
| Material                      | Plastic                                    |
| Type of output signal         | Discrete                                   |
| Supply circuit type           | DC                                         |
| Wiring technique              | 3-wire                                     |
| Discrete output type          | NPN                                        |
| Discrete output function      | 1 NO                                       |
| Electrical connection         | Cable                                      |
| Cable length                  | 2 m                                        |
| Product specific application  | -                                          |
| Emission                      | Red polarised reflex                       |
| [Sn] nominal sensing distance | 6 m polarised reflex need reflector XUZC50 |

## Complementary

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Enclosure material        | PBT                                           |
| Lens material             | PMMA                                          |
| Maximum sensing distance  | 8 m polarised reflex                          |
| Output type               | Solid state                                   |
| Wire insulation material  | PVC                                           |
| 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                                         |
| 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                | 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                            |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.166 kg |
| Package 1 Height | 0.420 dm |
| Package 1 width  | 0.970 dm |
| Package 1 Length | 1.320 dm |

## Offer Sustainability

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                             |
| 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 |
|----------|-----------|