

# 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 reverse polarity protection          |
| Supply voltage limits     | 10...36 V                                         |
| Switching capacity in mA  | <= 100 mA (overload and short-circuit protection) |
| Switching frequency       | <= 250 Hz                                         |
| Voltage drop              | <= 1.5 V (closed state)                           |
| Current consumption       | <= 35 mA (no-load)                                |

|                |                                |
|----------------|--------------------------------|
| Delay first up | < 15 ms                        |
| Delay response | < 2 ms                         |
| Delay recovery | < 2 ms                         |
| Setting-up     | Without sensitivity adjustment |
| Depth          | 50 mm                          |
| Height         | 50 mm                          |
| Width          | 18 mm                          |
| Product weight | 0.07 kg                        |

## Environment

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

## Offer Sustainability

|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS (date code: YYWW)           | Compliant - since 0841 - Schneider Electric declaration of conformity<br><a href="#"> Schneider Electric declaration of conformity</a> |
| Product environmental profile    | Available<br><a href="#"> Product Environmental Profile</a>                                                                            |
| Product end of life instructions | Available<br><a href="#"> End of Life Information</a>                                                                                |

## Contractual warranty

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