

# XUK1ANANL2

photo-electric sensor - XUK - reflex - Sn 7m -  
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              | 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                      | Infrared reflex                  |
| [Sn] nominal sensing distance | 7 m reflex need reflector XUZC50 |

## Complementary

|                           |   |
|---------------------------|---|
| Enclosure material        | PBT   |
| Lens material             | PMMA  |
| Maximum sensing distance  | 10 m 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                                      |
| 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 |
|-----------------|-----------|