

# XUK5APANL2

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

## Main

|                               |                             |
|-------------------------------|-----------------------------|
| Commercial Status             | Commercialised              |
| 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   |
| 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                     | 18 mm   |
| Height                    | 50 mm   |
| Width                     | 50 mm   |
| Product weight            | 0.19 kg   |

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## 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                            |

## RoHS compliance

|                                   |           |
|-----------------------------------|-----------|
| RoHS EUR status                   | Compliant |
| RoHS EUR conformity date(Y Y W W) | 0841      |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|