

# XUK0AKSAL2T

photo-electric sensor - XUK - emitter -  
12..24VDC - cable 2m



## Main

|                               |                                   |
|-------------------------------|-----------------------------------|
| Range of product              | OsiSense XU                       |
| Series name                   | General purpose multimode         |
| Electronic sensor type        | Photo-electric sensor transmitter |
| Sensor name                   | XUK                               |
| Sensor design                 | Compact 50 x 50                   |
| Detection system              | Thru beam                         |
| Material                      | Plastic                           |
| Supply circuit type           | DC                                |
| Wiring technique              | 3-wire                            |
| Electrical connection         | Cable                             |
| Cable length                  | 2 m                               |
| Product specific application  | -                                 |
| Emission                      | Infrared thru beam                |
| [Sn] nominal sensing distance | 30 m thru beam need a receiver    |

## Complementary

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Enclosure material        | PBT                                               |
| Lens material             | PMMA                                              |
| Maximum sensing distance  | 35 m thru beam                                    |
| Add on input              | Test by emission breaking                         |
| Wire insulation material  | PvR                                               |
| Status LED                | 1 LED (green) for supply on                       |
| [Us] rated supply voltage | 12...24 V DC with reverse polarity protection     |
| Supply voltage limits     | 10...36 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       | 20 mA (no-load)                                   |
| Delay first up            | <= 300 ms                                         |
| Delay response            | <= 2 ms                                           |
| Delay recovery            | <= 2 ms                                           |
| Setting-up                | Without sensitivity adjustment                    |
| Depth                     | 50 mm                                             |
| Height                    | 50 mm                                             |
| Width                     | 18 mm                                             |

## 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

|                                  |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Not Green Premium product                                                                                                                  |
| RoHS (date code: YYWW)           | Compliant - since 0903 - <a href="#">Schneider Electric declaration of conformity</a>                                                      |
| Product environmental profile    | Available  <a href="#">Download Product Environmental</a> |
| Product end of life instructions | Available  <a href="#">Download End Of Life Manual</a>    |