

# XUK5ANBNL2

photo-electric sensor - XUK - diffuse - Sn 1m -  
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              | Diffuse                     |
| Material                      | Plastic                     |
| Type of output signal         | Discrete                    |
| Supply circuit type           | DC                          |
| Wiring technique              | 3-wire                      |
| Discrete output type          | NPN                         |
| Discrete output function      | 1 NC                        |
| Electrical connection         | Cable                       |
| Cable length                  | 6.56 ft (2 m)               |
| Product specific application  | -                           |
| Emission                      | Infrared diffuse            |
| [Sn] nominal sensing distance | 3.28 ft (1 m) diffuse       |

## Complementary

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| Enclosure material        | PBT                                              |
| Lens material             | PMMA                                             |
| Maximum sensing distance  | 4.92 ft (1.5 m) diffuse                          |
| Output type               | Solid state                                      |
| Wire insulation material  | PVC                                              |
| Status LED                | 1 LED yellow)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                                        |
| 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                   |
| Maximum Depth             | 1.97 in (50 mm)                                  |
| Maximum Height            | 1.97 in (50 mm)                                  |
| Maximum Width             | 0.71 in (18 mm)                                  |
| Net Weight                | 0.15 lb(US) (0.07 kg)                            |

## Environment

|                                       |                                          |
|---------------------------------------|------------------------------------------|
| Product certifications                | UL<br>CSA<br>CE                          |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C)               |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)               |
| Vibration resistance                  | 7 gn +/- 1.5 mm 10...55 Hz IEC 60068-2-6 |
| Shock resistance                      | 30 gn 11 ms) IEC 60068-2-27              |
| IP degree of protection               | IP65 double insulation IEC 60529         |

## Ordering and shipping details

|                       |                                           |
|-----------------------|-------------------------------------------|
| Category              | 21571 - SENSORS, ELECTRONIC BASIC XU & XS |
| Discount Schedule     | DS2                                       |
| GTIN                  | 03389110162394                            |
| Nbr. of units in pkg. | 1                                         |
| Package weight(Lbs)   | 0.37 lb(US) (0.17 kg)                     |
| Returnability         | No                                        |
| Country of origin     | ID                                        |

## Packing Units

|                  |          |
|------------------|----------|
| Package 1 Height | 1.320 dm |
| Package 1 width  | 0.950 dm |
| Package 1 Length | 0.420 dm |

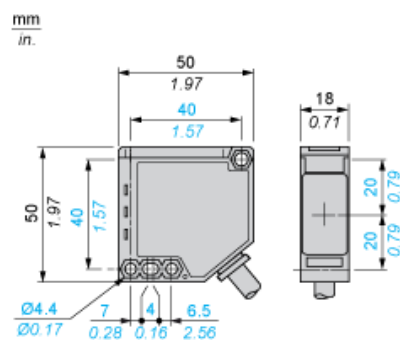
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                                        |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <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 |
|----------|-----------|

## Dimensions

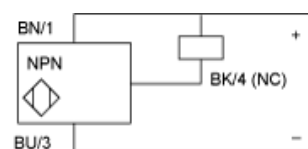


---

## Wiring Schemes

---

### NPN Outputs

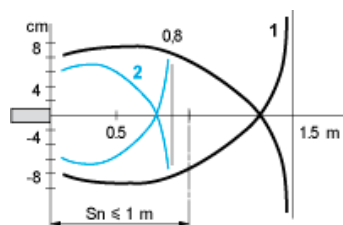


BN : Brown  
BU : Blue  
BK : Black

---

Detection Curves

---



1 : White 90%

2 : Grey 18%

Object 10 x 10 cm