

# XUK5APANL5

photo-electric sensor - XUK - diffuse - Sn 1m -  
12..24VDC - cable 5m



## 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	PNP
Discrete output function	1 NO
Electrical connection	Cable
Cable length	16.40 ft (5 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	0.42 lb(US) (0.19 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

Product certifications	CE CSA UL
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

GTIN	03389110703566
Nbr. of units in pkg.	1
Package weight(Lbs)	10.58 oz (300 g)

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.12 in (13 cm)
Package 1 width	3.35 in (8.5 cm)
Package 1 Length	4.72 in (12 cm)

## 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
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## Dimensions



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## Wiring Schemes

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### PNP Outputs

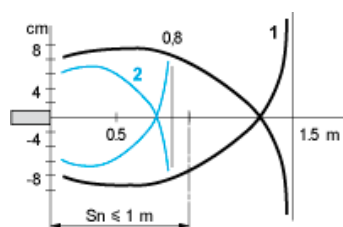


BN : Brown  
BU : Blue  
BK : Black

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Detection Curves

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1 : White 90%

2 : Grey 18%

Object 10 x 10 cm