## XUK2APBNL2R

photo-electric sensor - XUK - receiver - Sn 30m - 12..24VDC - cable 2m





#### Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NC
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m thru beam need a transmitter XUK2AKSNL2T

#### Complementary

Complementary		
Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	45 m thru beam	
Output type	Solid state	
Add on output	Without	
Wire insulation material	PVC	
Status LED	1 LED (yellow) for output state	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	1036 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	
Depth	50 mm	
Height	50 mm	
Width	18 mm	

#### **Environment**

Product certifications	CE CSA UL
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 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

## Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	155 g	
Package 1 Height	4.2 cm	
Package 1 width	9.7 cm	
Package 1 Length	13.2 cm	
Unit Type of Package 2	S02	
Number of Units in Package 2	22	
Package 2 Weight	4.062 kg	
Package 2 Height	15 cm	
Package 2 width	30 cm	
Package 2 Length	40 cm	

### Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

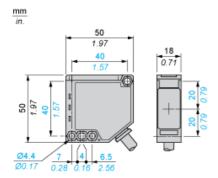
#### Contractual warranty

Warranty	18 months
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# Product data sheet Dimensions Drawings

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#### **Dimensions**

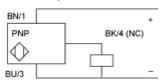


## Product data sheet Connections and Schema

## XUK2APBNL2R

#### Wiring Schemes

#### **PNP Outputs**



BN: Brown BU: Blue BK: Black

# Product data sheet Performance Curves

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#### **Detection Curves**

