### Product data sheet Characteristics

## XUK2AKSNL2T

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





#### Main

Range of product	OsiSense XU
Series name	General purpose single mode
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	6.56 ft (2 m)
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	98.43 ft (30 m) thru beam need a receiver

#### Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	147.64 ft (45 m) thru beam
Add on input	Test by emission breaking
Wire insulation material	PVC
Status LED	1 LED green)supply on
[Us] rated supply voltage	1224 V DC 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	1.97 in (50 mm)
Height	1.97 in (50 mm)
Maximum Width	0.71 in (18 mm)
Net Weight	0.42 lb(US) (0.19 kg)

### Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-13131 °F (-2555 °C)
Ambient air temperature for storage	-40158 °F (-4070 °C)
Vibration resistance	7 gn +/- 1.5 mm 1055 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

DS2
00785901942412
1
1 lb(US) (0.45 kg)
Yes
ID

### **Packing Units**

1 doking office		
Unit Type of Package 1	PCE	
Package 1 Height	1.65 in (4.2 cm)	
Package 1 width	3.82 in (9.7 cm)	
Package 1 Length	5.20 in (13.2 cm)	
Unit Type of Package 2	S02	
Number of Units in Package 2	22	
Package 2 Weight	8.65 lb(US) (3.922 kg)	
Package 2 Height	5.91 in (15 cm)	
Package 2 width	11.81 in (30 cm)	
Package 2 Length	15.75 in (40 cm)	

### Offer Sustainability

Green Premium product
WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
☑ REACh Declaration
Pro-active compliance (Product out of EU RoHS legal scope) EPEU RoHS  Declaration
Yes
₫Yes
Product Environmental Profile
End Of Life Information

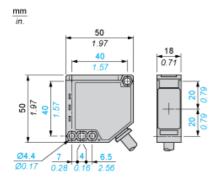
### Contractual warranty

	<b>√</b>
Warranty	18 months

# Product data sheet Dimensions Drawings

# XUK2AKSNL2T

### **Dimensions**



### Product data sheet Connections and Schema

## XUK2AKSNL2T

### Wiring Schemes

#### Transmitter



BN: Brown BU: Blue VI: Violet Input 2/VI:

not connected: beam madeconnected to -: beam broken

# Product data sheet Performance Curves

# XUK2AKSNL2T

### **Detection Curves**

