XUK2ARCNL10T

photo-electric sensor - XUK - emitter - 24..240VAC/DC - cable 10m





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	AC/DC
Wiring technique	2-wire
Electrical connection	Cable
Cable length	10 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m need a receiver
Wire insulation material	PVC
[Us] rated supply voltage	24240 V AC/DC
Switching capacity in mA	3 A (cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)

Complementary

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Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	45 m	
Add on input	Test by emission breaking	
Status LED	Supply on: 1 LED (green)	
Supply voltage limits	20264 V AC/DC	
Switching frequency	<= 250 Hz	
Maximum voltage drop	<1.5 V (closed state)	
Current consumption	<= 35 mA no-load	
Maximum delay first up	60 ms	
Maximum delay response	25 ms	
Maximum delay recovery	25 ms	
Setting-up	Without sensitivity adjustment	
Depth	18 mm	
Height	50 mm	
Width	50 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

Package 1 Weight	0.517 kg	
Package 1 Height	0.700 dm	
Package 1 width	1.300 dm	
Package 1 Length	1.300 dm	

Offer Sustainability

Sustainable offer status	Green Premium product	
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	

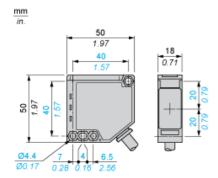
Contractual warranty

\A/	40	
Warranty	18 months	

Product data sheet Dimensions Drawings

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Dimensions



Product data sheet Connections and Schema

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Wiring Schemes

Thru-beam Transmitter AC/DC



BN: Brown BU: Blue

Product data sheet Performance Curves

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Detection Curves

