

# XUK0ARCTL5T

photo-electric sensor - XUK - emitter -  
24..240VAC - cable 5m



## Main

Range of product	OsiSense XU
Series name	General purpose multimode
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	3-wire
Electrical connection	Cable
Cable length	5 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m need a receiver
Wire insulation material	PvR
[Us] rated supply voltage	12...240 V DC 24...240 V AC
Switching capacity in mA	3 A (cos $\phi$ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Time delay range	0...10 s monostable, on-delay or off-delay (programmable) delay

## Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	35 m
Add on input	Test by emission breaking
Status LED	Supply on: 1 LED (green) Output state: 1 LED (yellow)
Supply voltage limits	10...264 V DC 20...264 V AC
Switching frequency	$\leq 20$ Hz
Maximum voltage drop	$<1.5$ V (closed state)
Setting-up	Without sensitivity adjustment
Depth	18 mm
Height	50 mm
Width	50 mm

## Environment

Product certifications	UL CE CSA
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = $\pm 1.5$ mm ( $f = 10...55$ 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	0.300 kg
Package 1 Height	1.500 dm
Package 1 width	0.700 dm
Package 1 Length	1.400 dm

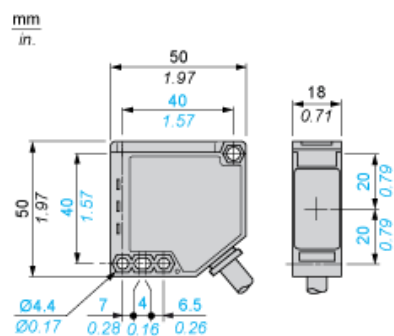
## Offer Sustainability

Sustainable offer status	Green Premium product
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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### Thru-beam Transmitter AC



BN : Brown  
BU : Blue

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## Detection Curves

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With Thru-beam Accessory (Thru-beam)

