

# XUK2AKEMM12T

photo-electric sensor - XUK - thru beam  
transmitter - Sn 14m - 10..30VDC - M12



## 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	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Electrical connection	1 male connector M12, 4 pins
Emission	Red thru beam
[Sn] nominal sensing distance	12 m thru beam need receiver XUK2APSM12R

## Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	14 m thru beam
Add on output	Without
Status LED	1 LED (green) for supply
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	10...30 V DC
Current consumption	<= 30 mA no-load
Depth	50 mm
Height	50 mm
Width	23 mm
Net weight	0.035 kg




## Environment

Product certifications	CE Ecolab CULus
Ambient air temperature for operation	-20...60 °C -20...50 °C
Ambient air temperature for storage	-20...80 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60947-5-2
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	49 g
Package 1 Height	3 cm
Package 1 width	6 cm
Package 1 Length	9 cm

Offer Sustainability

REACH Regulation	<a href="#"> REACH Declaration</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>