

XUK2APSM12R

photo-electric sensor - XUK - thru beam
receiver - 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
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Emission	Red thru beam
[Sn] nominal sensing distance	12 m thru beam need transmitter XUK2AKEMM12T

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	14 m thru beam
Output type	Solid state
Add on output	Without
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state 1 LED (red) for alignment assistance
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Current consumption	<= 30 mA no-load
Maximum delay first up	300 ms
Maximum delay response	0.9 ms
Maximum delay recovery	0.9 ms
Setting-up	Using teach button or remote teaching
Depth	50 mm
Height	50 mm
Width	23 mm
Net weight	0.035 kg

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Environment

Product certifications	CULus CE Ecolab
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	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes