



Main

Range of product	OsiSense XU
Series name	Application assembly Application material handling
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
Product specific application	-
Emission	Red laser thru beam class 1
[Sn] nominal sensing distance	82.02 ft (25 m) thru beam need receiver XUK2LAPSMM12R

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	98.43 ft (30 m) thru beam
Add on output	Without
Add on input	Test
Status LED	1 LED green)supply
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 V DC
Maximum voltage drop	<2.4 V closed state)
Current consumption	<= 30 mA no-load
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.91 in (23 mm)

Net weight	0.08 lb(US) (0.035 kg)
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Environment

Product certifications	Ecolab CE CULus
Ambient air temperature for operation	-4...140 °F (-20...60 °C) -4...122 °F (-20...50 °C), UL
Ambient air temperature for storage	-4...176 °F (-20...80 °C)
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60947-5-2
IP degree of protection	IP67 IEC 60529 IP69K DIN 40050

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.73 oz (49 g)
Package 1 Height	1.18 in (3 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	3.54 in (9 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	28
Package 2 Weight	3.52 lb(US) (1.597 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 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

Contractual warranty

Warranty	18 months
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