



Main

Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Metal
Supply circuit type	DC
Wiring technique	3-wire
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Red laser thru beam class 1 670 nm conforming to IEC 60825-1
[Sn] nominal sensing distance	0...100 m thru beam need a receiver

Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Add on input	Test by emission breaking
Wire insulation material	PvR
Status LED	1 LED green)supply on
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 1500 Hz
Maximum voltage drop	<1.5 V closed state)

Current consumption	25 mA no-load
Maximum delay first up	80 ms
Maximum delay response	0.4 ms
Maximum delay recovery	0.4 ms
Diameter	0.71 in (18 mm)
Length	2.05 in (52 mm)
Net weight	0.24 lb(US) (0.11 kg)

Environment

Product certifications	CSA CE UL
Ambient air temperature for operation	14...113 °F (-10...45 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 double insulation IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	3.92 oz (111 g)
Package 1 Height	1.42 in (3.6 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	5.12 in (13 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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