



Main

Range of product	OsiSense XU
Series name	Application assembly
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUA
Sensor design	Cylindrical M8
Detection system	Thru beam
Material	Metal
Line of sight type	Axial
Supply circuit type	DC
Wiring technique	3-wire
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Emission	Infrared thru beam
[Sn] nominal sensing distance	6.56 ft (2 m) thru beam need a receiver

Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Add on input	Test by emission breaking
Cable composition	3 x 0.14 mm ²
Wire insulation material	PvR
Cable outer diameter	0.14 in (3.5 mm)
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 V DC
Current consumption	<= 15 mA
Maximum delay first up	20 ms
Setting-up	Without sensitivity adjustment
Diameter	0.31 in (8 mm)
Length	1.89 in (48 mm)
Net weight	0.11 lb(US) (0.05 kg)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Product certifications	CE CULus
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Vibration resistance	7 gn +/- 1 mm 10...55 Hz IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 IEC 60529 IP65 IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.76 oz (50 g)
Package 1 Height	2.56 in (6.5 cm)
Package 1 width	1.69 in (4.3 cm)
Package 1 Length	3.78 in (9.6 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Weight	3.08 lb(US) (1.398 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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