



Main

Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUJ
Sensor design	Compact
Detection system	Diffuse
Material	Plastic
Line of sight type	Axial
Type of output signal	Analogue
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Analogue output range	4...20 mA
Electrical connection	Screw-clamp terminals, 1 x 2.5...2 x 1.5 mm ²
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.66...2.62 ft (0.2...0.8 m) diffuse

Complementary

Enclosure material	PEI
Maximum sensing distance	2.62 ft (0.8 m)
Output type	Solid state
Add on output	With analogue output
Wire insulation material	PVC
Status LED	1 LED yellow)output state
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	20...30 V DC
Output voltage	0...10 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 250 Hz

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

Maximum voltage drop	<1.5 V closed state)
Current consumption	<= 35 mA no-load
Maximum delay first up	15 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Without sensitivity adjustment
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.71 in (18 mm)
Net weight	0.15 lb(US) (0.07 kg)

Environment

Product certifications	CE UL CSA
Ambient air temperature for operation	-13...131 °F (-25...55 °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	IP65 double insulation IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	7.55 oz (214 g)
Package 1 Height	1.85 in (4.7 cm)
Package 1 width	4.37 in (11.1 cm)
Package 1 Length	6.50 in (16.5 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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