

## Main

Commercial Status	Commercialised
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, drift < 5 % for temperature between 0 and + 40 °C
Electrical connection	Screw-clamp terminals, 1 x 2.5...2 x 1.5 mm <sup>2</sup>
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.2...0.8 m diffuse

## Complementary

Enclosure material	PEI
Maximum sensing distance	0.8 m
Output type	Solid state
Add on output	With analogue output
Status LED	1 LED for output state
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	20...30 V DC
Output voltage	0...10 V DC
Switching capacity in mA	4...20 mA
Switching frequency	<= 10 Hz
Current consumption	<= 35 mA (no-load)
Delay first up	<= 150 ms
Setting-up	Without sensitivity adjustment
Depth	27.2 mm
Height	81 mm
Width	86.35 mm
Product weight	0.2 kg

## Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP671 conforming to NF C 20-010 IP67 conforming to IEC 60529

## RoHS compliance

RoHS EUR status	Will be compliant
RoHS EUR conformity date(YYWW)	4Q2012

## Contractual warranty

Period	18 months
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