



## Main

Range of product	OsiSense XU
Series name	Application tertiary sector
Electronic sensor type	Photo-electric sensor
Additional information	German leaflet
Product specific application	Buzzer signalling
Sensor name	XUJ
Sensor design	Compact
Material	Plastic
Detection system	Reflex
Emission	Infrared
[Sn] nominal sensing distance	6 m with reflector Ø 80 mm
Wiring technique	4-wire
Sale per indivisible quantity	1

## Complementary

Enclosure material	PEI
Type of output signal	Discrete
Output type	Relay
Discrete output function	1 NO
Output function governance	Dark
Electrical connection	Screw-clamp terminals, maximum : 1 x 1.5 mm <sup>2</sup>
Cable entry	1 entry for Pg 9 cable gland
Signalling function	Buzzer
Status LED	Output state: 1 LED (yellow)
Supply circuit type	AC/DC
[Us] rated supply voltage	24...240 V AC 24...48 V DC
Supply voltage limits	20...264 V AC 20...60 V DC
Output voltage	<= 250 V AC <= 30 V DC
Switching capacity in mA	0.5 A (cos φ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V)

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

2 A (cos  $\varphi$  = 1 for 1 million cycles at 1 operating cycle per second)

Switching frequency	<= 20 Hz
Maximum power consumption in W	2 W
Time delay range	0.3...3 s
Maximum delay first up	60 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Electrical durability	1000000 cycles, switching capacity: 2000 mA, cos f = 1, operating rate <60 cyc/mn at 250 V 500000 cycles, switching capacity: 500 mA, cos f = 0.4, operating rate <60 cyc/mn at 250 V
Depth	69 mm
Height	85 mm
Width	28 mm
Product weight	0.33 kg

## Environment

Product certifications	CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP40 double insulation conforming to IEC 60529

## Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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