

Price* : 462.43 GBP



Main

Range of product	OsiSense XU
Series name	Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Frame
Detection system	Thru beam
Emission	Infrared
Way dimensions of optical frame	60 x 100 mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Dynamic detection of passage of objects
Minimum object diameter for detection	Dynamic mode: 2 mm (0.1...15 m/s)

Complementary

Enclosure material	Painted aluminium
Lens material	Polycarbonate
Type of output signal	Discrete
Output type	Solid state
Status LED	Alarm: 1 LED (red) Output state: 1 LED (amber)
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	18...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Maximum voltage drop	<2 V (closed state)
Current consumption	<= 120 mA no-load
Time delay range	0...5 s off-delay delay

Maximum delay first up	100 ms
Maximum delay recovery	1 ms
Setting-up	Sensitivity adjustment with potentiometer

Environment

Product certifications	CE CULus
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	400 lux incandescent bulb 4000 lux natural light
Vibration resistance	25 gn, amplitude = +/- 2 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	IP65 conforming to IEC 60529

Offer Sustainability

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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