

Price* : 115.13 GBP



Main

Range of product	OsiSense XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Miniature
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Conveyor system and access control series
Emission	Red LED, pulsed
[Sn] nominal sensing distance	1 m polarised reflex 4 m thru beam 0.08 m diffuse with background suppression 0.25 m diffuse with adjustable sensitivity

Complementary

Enclosure material	ABS
Lens material	PMMA
Cover material	PUR
Pulse frequency	6 kHz
Output type	Solid state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	500 Hz
Maximum voltage drop	<2 V at 100 mA (closed state) <1 V at 10 mA (closed state)

Current consumption	< 25 mA no-load
Maximum delay response	1 ms
Product weight	0.044 kg

Environment

Product certifications	CULus CE
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...80 °C
IP degree of protection	IP65 conforming to IEC 60529 IP67 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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