



Main

Range of product	OsiSense XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fork
Detection system	Thru beam
Emission	Infrared, continuous
Passage width	2 mm
Passage depth	40 mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP/NPN
Electrical connection	1 male connector M8, 4 pins
Product specific application	Control of tools travel Detection on a labelling machine Lateral shift control of a belt Detection of sheets overlapping Lift cage position control Detection of marks on a translucent film
[Sn] nominal sensing distance	2 mm

Complementary

Enclosure material	Painted aluminium strong housing
Type of output signal	Discrete
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	10 kHz
Maximum voltage drop	<1 V at 10 mA (closed state) <2 V at 100 mA (closed state)

Current consumption	40 mA no-load
Time response	30 μ s
Maximum delay recovery	30 μ s
Depth	12 mm
Length	60 mm
Width	40 mm

Environment

Product certifications	CULus CE
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	3000 lux incandescent bulb 3000 lux natural light
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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