



Main

Range of product	OsiSense XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Roller sensor
Detection system	Diffuse
Material	Metal
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 remote male connector M8, 4 pins
Cable length	0.3 m
Product specific application	Conveyor system
Emission	Infrared
[Sn] nominal sensing distance	0.1 m diffuse

Complementary

Enclosure material	Aluminium
Lens material	Polycarbonate
Cover material	PVC
Pulse frequency	1 kHz
Output type	Solid state
Status LED	1 LED color: yellow for output signal
[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
Voltage drop	< 2 V at 100 mA (closed state)
Current consumption	< 35 mA (no-load)
Delay response	1 ms
Diameter	12 mm
Length	250 mm
Product weight	0.045 kg

Environment

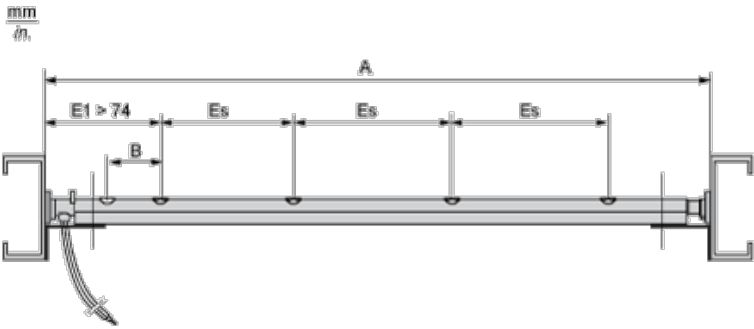
product certifications	CCSAus CE
ambient air temperature for operation	-10...55 °C
ambient air temperature for storage	-20...80 °C
IP degree of protection	IP50 conforming to IEC 60529

Offer Sustainability

Sustainable offer status	Not Green Premium product
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Dimensions



Dimensions in mm

A	B	ES
250	29	108

Dimensions in in.

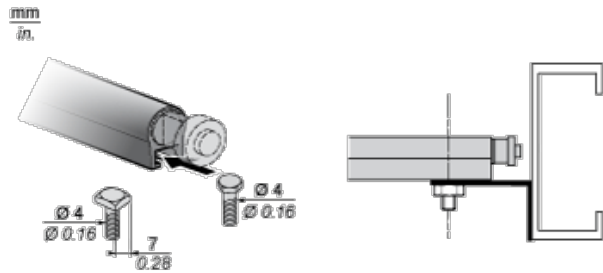
A	B	ES
9.84	1.14	4.25

Mounting

Mounting on the Sides Hexagonal Supports (2 of Each Support are Supplied with the Sensor)



Mounting Underneath (Brackets, Screws and Nuts not Supplied)



Mounting Precautions

Recommended mounting