



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	0.98 ft (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
Maximum voltage drop	<2 V 100 mA closed state)

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

Current consumption	< 35 mA no-load
Maximum delay response	1 ms
Diameter	0.47 in (12 mm)
Length	9.84 in (250 mm)
Net weight	0.10 lb(US) (0.045 kg)

Environment

Product certifications	CCSAus CE
Ambient air temperature for operation	14...131 °F (-10...55 °C)
Ambient air temperature for storage	-4...176 °F (-20...80 °C)
IP degree of protection	IP50 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	17.64 oz (500 g)
Package 1 Height	3.54 in (9 cm)
Package 1 width	3.54 in (9 cm)
Package 1 Length	24.80 in (63 cm)

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration