



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	0.08 in (2 mm)
Passage depth	1.57 in (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	0.08 in (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 μs
Maximum delay recovery	30 μs
Depth	0.47 in (12 mm)
Length	2.36 in (60 mm)
Maximum Width	1.57 in (40 mm)

Environment

Product certifications	CULus CE
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-4...176 °F (-20...80 °C)
Immunity to ambient light	3000 Lux incandescent bulb 3000 lux natural light
IP degree of protection	IP65 conforming to IEC 60529

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

GTIN	03389119007344
Nbr. of units in pkg.	1
Package weight(Lbs)	2.05 oz (58 g)

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.34 in (3.4 cm)
Package 1 width	5.12 in (13 cm)
Package 1 Length	2.91 in (7.4 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	15
Package 2 Weight	2.43 lb(US) (1.1 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
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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