



Main

Commercial Status	Commercialised
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	0.2 in (5 mm)
Passage depth	2.36 in (60 mm)
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP and NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Packaging series
[Sn] nominal sensing distance	0.2 in (5 mm)

Complementary

Enclosure material	Anodised aluminium
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (red) for adjustment mode and keypad locking 1 LED (green) for no object present
[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
Voltage drop	< 2 V (closed state)
Current consumption	40 mA (no-load)
Delay response	50 µs
Product weight	0.15 lb(US) (0.07 kg)

Environment

Product certifications	CE CULus
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-22...176 °F (-30...80 °C)
Immunity to ambient light	3000 lux with natural light 3000 lux with incandescent bulb
IP degree of protection	IP65 conforming to IEC 60529

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Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119007320
Nbr. of units in pkg.	1
Package weight(Lbs)	0.15
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Contractual warranty

Period	18 months
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