

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Range of product	OsiSense XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Miniature
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Conveyor system and access control series
Emission	Red LED, pulsed
[Sn] nominal sensing distance	3.28 ft (1 m) polarised reflex 13.12 ft (4 m) thru beam 0.26 ft (0.08 m) diffuse with background suppression 0.82 ft (0.25 m) diffuse with adjustable sensitivity

Complementary

Enclosure material	ABS
Lens material	PMMA
Cover material	PUR
Pulse frequency	6 kHz
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	500 Hz
Voltage drop	< 2 V at 100 mA (closed state) <= 1 V at 10 mA (closed state)
Current consumption	< 25 mA (no-load)
Delay response	1 ms
Product weight	0.1 lb(US) (0.044 kg)

Environment

Product certifications	CULus CE
Ambient air temperature for operation	32...122 °F (0...50 °C)
Ambient air temperature for storage	-4...176 °F (-20...80 °C)
IP degree of protection	IP65 conforming to IEC 60529 IP67 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

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119007221
Nbr. of units in pkg.	1
Package weight(Lbs)	0.41999999999999998
Returnability	N
Country of origin	FR

Offer Sustainability

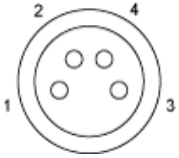
RoHS (date code: YYWW)	Compliant - since 0706 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

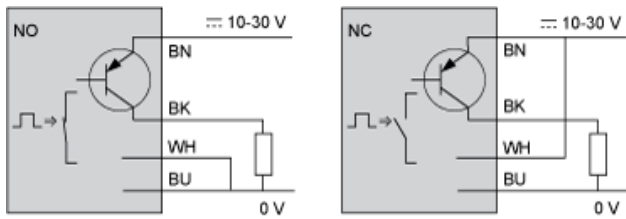
Warranty period	18 months
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Connections and Schemes

M8



PNP Output



- 1/ Brown
- BN :
- 2/ White
- WH :
- 3/ Blue
- BU :
- 4/ Black
- BK :

Mouser Electronics

Authorized Distributor

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