Product data sheet Characteristics

XUX1APANM12

photo-electric sensor - XUX - reflex - Sn 14m - 12..24VDC - M12





Main

Range of product	OsiSense XU	
Series name	General purpose single mode	
Electronic sensor type	Photo-electric sensor	
Sensor name	XUX	
Sensor design	Compact 92 x 71	
Detection system	Reflex	
Material	Plastic	
Type of output signal	Discrete	
Supply circuit type	DC	
Wiring technique	3-wire	
Discrete output type	PNP	
Discrete output function	1 NO	
Electrical connection	1 male connector M12, 4 pins	
Product specific application	-	
Emission	Infrared reflex	
[Sn] nominal sensing distance	45.93 ft (14 m) reflex need reflector XUZC50	

Complementary

Enclosure material	PBT		
Lens material	PMMA		
Maximum sensing distance	65.62 ft (20 m) reflex		
Output type	Solid state		
Status LED	1 LED yellow)output state 1 LED green)supply		
[Us] rated supply voltage	1224 V DC		
Switching capacity in mA	<= 100 mA overload and short-circuit protection)		
Switching frequency	<= 250 Hz		
Maximum voltage drop	<1.5 V closed state)		
Current consumption	<= 35 mA no-load		
Maximum delay first up	15 ms		
Maximum delay response	2 ms		
Maximum delay recovery	2 ms		
Setting-up	Sensitivity adjustment		
Depth	3.03 in (77 mm)		
Height	3.62 in (92 mm)		
Maximum Width	1.22 in (31 mm)		
Net Weight	0.44 lb(US) (0.2 kg)		

Environment

Product certifications	CSA UL CE	
Ambient air temperature for operation	-13131 °F (-2555 °C)	
Ambient air temperature for storage	-40158 °F (-4070 °C)	
Vibration resistance	7 gn +/- 1.5 mm 1055 Hz) IEC 60068-2-6	
Shock resistance	30 gn 11 ms) IEC 60068-2-27	
IP degree of protection IP67 double insulation IEC 60529 IP65 double insulation IEC 60529		

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901489818
Nbr. of units in pkg.	1
Package weight(Lbs)	0.4 lb(US) (0.18 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	1.65 in (4.2 cm)	
Package 1 width	3.78 in (9.6 cm)	
Package 1 Length	5.20 in (13.2 cm)	

Offer Sustainability

Sustainable offer status	Green Premium product 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		
California proposition 65			
REACh Regulation			
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EVEL RoHS Declaration		
Mercury free	Yes		
RoHS exemption information	₫Yes		
Environmental Disclosure	Product Environmental Profile		
Circularity Profile	End Of Life Information		

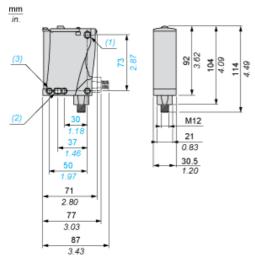
Contractual warranty

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Warranty	18 months

Product data sheet **Dimensions Drawings**

XUX1APANM12

Dimensions



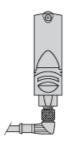
- (1) Elongated hole Ø 5.5 x 7
- (2) Elongated hole Ø 5.5 x 9 (3) Ø 5.5 hole

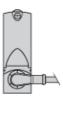
Product data sheet Mounting and Clearance

XUX1APANM12

Mounting and Clearance

Possible Orientation of Elbowed Connector (Rear View)



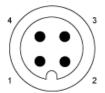


Product data sheet Connections and Schema

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Wiring Schemes

M12 Connector



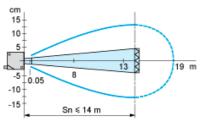
PNP/NPN DC

M12		Terminals		
1	•	1	\oslash	+
3	•	2	Ø	-
4	•	3	0	Output

Product data sheet Performance Curves

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Detection Curves



With reflector XUZC50