XUX0AKSAM12T

photo-electric sensor - XUX - emitter - 12..24VDC - M12





Main

Range of product	OsiSense XU		
Series name	General purpose multimode		
Electronic sensor type	Photo-electric sensor transmitter		
Sensor name	XUX		
Sensor design	Compact 92 x 71		
Detection system	Thru beam		
Material	Plastic		
Supply circuit type	DC		
Wiring technique	3-wire		
Electrical connection	1 male connector M12, 4 pins		
Product specific application	-		
Emission	Infrared thru beam		
[Sn] nominal sensing distance	131.23 ft (40 m) thru beam need a receiver		

Complementary

I		
Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	196.85 ft (60 m) thru beam	
Add on input	Test by emission breaking	
Status LED	1 LED green)supply on	
[Us] rated supply voltage	1224 V DC reverse polarity protection	
Supply voltage limits	1036 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	20 mA no-load	
Maximum delay first up	200 ms	
Maximum delay response	2 ms	
Maximum delay recovery	2 ms	
Setting-up	Without sensitivity adjustment	
Depth	3.03 in (77 mm)	
Height	3.62 in (92 mm)	
Width	1.22 in (31 mm)	
Net weight	0.44 lb(US) (0.2 kg)	

Environment

Product certifications	CE	
	CSA	
	UL	
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	IP65 double insulation IEC 60529	
	IP67 double insulation IEC 60529	

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901582373
Nbr. of units in pkg.	1
Package weight(Lbs)	0.41 lb(US) (0.19 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.20 in (13.2 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Weight	4.80 lb(US) (2.176 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

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Sustainable offer status	Green Premium product	
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) EVEU RoHS	
Mercury free	Yes	
RoHS exemption information	€Yes	
Environmental Disclosure	al Disclosure	
Circularity Profile	End Of Life Information	

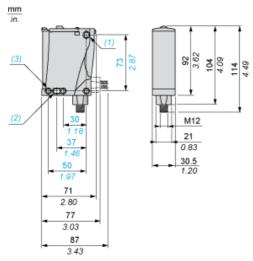
Contractual warranty

Warranty	18 months	

Product data sheet **Dimensions Drawings**

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Dimensions



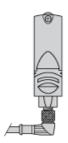
- (1) Elongated hole Ø 5.5 x 7
- (2) Elongated hole Ø 5.5 x 9 (3) Ø 5.5 hole

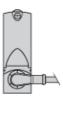
Product data sheet Mounting and Clearance

XUX0AKSAM12T

Mounting and Clearance

Possible Orientation of Elbowed Connector (Rear View)



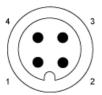


Product data sheet Connections and Schema

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Wiring Schemes

M12 Connector



Transmitter DC

M12		Terminals		
1	•	1	\oslash	+
3	•	2	\oslash	-
2	•	3	0	Beam break input (1)

(1) Input not connected: beam made. Input connected to –: beam broken.

Product data sheet Performance Curves

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Detection Curves

