Product data sheet Characteristics

XUX1APBNT16

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





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 NC
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm² or 1 x 0.75 mm² with adaptor
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	45.93 ft (14 m) reflex need reflector XUZC50

Complementary

Complementary		
Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	65.62 ft (20 m) reflex	
Output type	Solid state	
Cable entry	1 entry for M16 x 1.5 cable gland 0.280.39 in (710 mm)	
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	UL CE CSA	
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	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	00785901943358	
Nbr. of units in pkg.	1	
Package weight(Lbs)	0.4 lb(US) (0.18 kg)	
Returnability	No	
Country of origin	FR	

Packing Units

1 doking office	
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)
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Weight	5.10 lb(US) (2.314 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)
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Offer Sustainability

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		
☑REACh Declaration		
gal scope) 🗗 EU RoHS		
Yes		
Product Environmental Profile		
-		

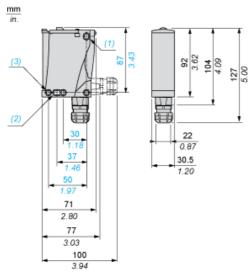
Contractual warranty

Warranty	1	8 months

Product data sheet Dimensions Drawings

XUX1APBNT16

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 Connections and Schema

XUX1APBNT16

Wiring Schemes

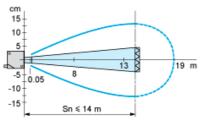
PNP/NPN DC

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

Product data sheet Performance Curves

XUX1APBNT16

Detection Curves



With reflector XUZC50