XUX2APANT16R

photo-electric sensor - XUX - receiver - Sn 40m - 12..24VDC - terminals





Main

OsiSense XU
General purpose single mode
Photo-electric sensor receiver
XUX
Compact 92 x 71
Thru beam
Plastic
Discrete
DC
3-wire
PNP
1 NO
Screw-clamp terminals, 1 x 1.5 mm² or 1 x 0.75 mm² with adaptor
-
Infrared thru beam
40 m thru beam need a transmitter XUX0AKSAT16T

Complementary

Complementary	
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	60 m thru beam
Output type	Solid state
Add on output	Without
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 710 mm
Status LED	1 LED (yellow) for output state 1 LED (green) for supply
[Us] rated supply voltage	1224 V DC with 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	<= 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	77 mm
Height	92 mm
Width	31 mm
Net weight	0.2 kg

Environment

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

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	184 g	
Package 1 Height	4.1 cm	
Package 1 width	9.1 cm	
Package 1 Length	13 cm	
Unit Type of Package 2	S01	
Number of Units in Package 2	11	
Package 2 Weight	2.246 kg	
Package 2 Height	15 cm	
Package 2 width	15 cm	
Package 2 Length	40 cm	

Offer Sustainability

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

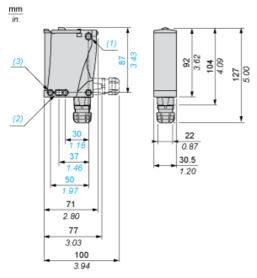
Contractual warranty

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 Connections and Schema

XUX2APANT16R

Wiring Schemes

PNP/NPN DC

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

Product data sheet Performance Curves

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Detection Curves

