XUX2ARCNT16R

photo-electric sensor - XUX - receiver - Sn 40m - 24..240VAC/DC - terminals





Main

Range of product	OsiSense XU	
Series name	General purpose single mode	
Electronic sensor type	Photo-electric sensor receiver	
Sensor name	XUX	
Sensor design	Compact 92 x 71	
Detection system	Thru beam	
Material	Plastic	
Type of output signal	Discrete	
Supply circuit type	AC/DC	
Wiring technique	5-wire	
Discrete output function	1 NC + 1 NO	
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm² or 1 x 0.75 mm² with adaptor	
Product specific application	-	
Emission	Infrared thru beam	
[Sn] nominal sensing distance	40 m thru beam need a transmitter XUX0ARCTT16T	

Complementary

Complementary		
Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	60 m thru beam	
Output type	Relay	
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	24240 V AC/DC	
Supply voltage limits	20264 V AC/DC	
Switching capacity in mA	0.5 A ($\cos \varphi$ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) 3 A ($\cos \varphi$ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)	
Switching frequency	<= 20 Hz	
Voltage drop	<= 1.5 V (closed state)	
Power consumption in W	2 W AC/DC	
Delay first up	< 60 ms	
Delay response	< 25 ms	
Delay recovery	< 25 ms	
Setting-up	Sensitivity adjustment	
Electrical durability	500000 cycles, cos f = 0.4, 500 cyc/mn, relayoutput(s) 500000 cycles, cos f = 1, 3000 cyc/mn, relayoutput(s)	
Depth	77 mm	
Height	92 mm	
Width	31 mm	
Product weight	0.2 kg	

Environment

Product certifications	CE CSA UL	
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	

Offer Sustainability

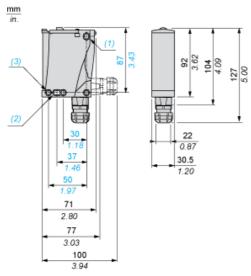
Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 0914 - Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	



Product data sheet Dimensions Drawings

XUX2ARCNT16R

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

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Wiring Schemes

Relay Output AC/DC

Terminals		
1	0	AC/DC
2	0	AC/DC
3	0	NO
4	0	Relay common
5	0	NC

Product data sheet Performance Curves

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Detection Curves

