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 mm 2 or 1 x 0.75 mm 2 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 ϕ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) 3 A (cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	<= 20 Hz
Maximum voltage drop	<1.5 V (closed state)
Maximum power consumption in W	2 W AC/DC
Maximum delay first up	60 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Setting-up	Sensitivity adjustment
Electrical durability	500000 Cycles, cos f = 0.4, operating rate <500 cyc/mn, relay output(s) 500000 cycles, cos f = 1, operating rate <3000 cyc/mn, relay output(s)
Depth	77 mm
Height	92 mm
Width	31 mm
Net weight	0.2 kg

Environment

Product certifications	UL CSA 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	
P degree of protection IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529		

Packing Units

PCE
1
195 g
4.2 cm
9.6 cm
13.2 cm
S02
22
4.694 kg
15 cm
30 cm
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) Declaration		
Mercury free	Yes	
RoHS exemption information	₫Yes	
nvironmental Disclosure		
Circularity Profile	End of Life Information	

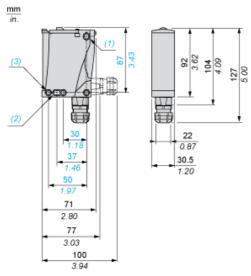
Contractual warranty

Warranty	18 months

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

XUX2ARCNT16R

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

