Product data sheet
Characteristics

XUX0ARCTT16T
photo-electric sensor - XUX - emitter - 24..240VAC/DC - terminals

Product availability : Stock - Normally stocked in distribution facility

Price* : 88.00 USD



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	AC/DC
Wiring technique	3-wire
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	131.23 ft (40 m) thru beam need a receiver

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	196.85 ft (60 m) thru beam
Add on input	Test by emission breaking
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 0.28...0.39 in (7...10 mm)
Status LED	1 LED (green) supply on
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Voltage drop	<= 1.5 V (closed state)
Current consumption	20 mA (no-load)
Time delay range	0.02...15 s monostable, on-delay or off-delay (programmable) delay
Delay first up	< 200 ms
Delay response	< 25 ms
Delay recovery	< 25 ms
Setting-up	Without sensitivity adjustment
Electrical durability	500000 cycles, cos φ = 0.4, 500 cyc/mn 500000 cycles, cos φ = 1, 3000 cyc/mn
Depth	3.03 in (77 mm)
Height	3.62 in (92 mm)
Width	1.22 in (31 mm)
Product weight	0.44 lb(US) (0.2 kg)

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 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

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901501268
Nbr. of units in pkg.	1
Package weight(Lbs)	0.39000000000000001
Returnability	Y
Country of origin	FR

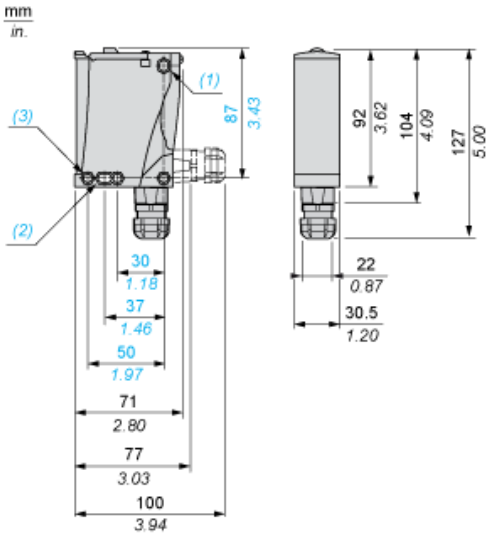
Offer Sustainability

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

Contractual warranty

Warranty period	18 months

Dimensions



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

Wiring Schemes

Transmitter DC

M12		Terminals		
1		1		+
3		2		-
2		3		Beam break input (1)

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

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Detection Curves

