

XUX0ARCTT16T

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

Product availability: Stock - Normally stocked in distribution facility



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 mm ² or 1 x 0.75 mm ² 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	\leq 20 Hz
Voltage drop	\leq 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)

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Environment

Product certifications	UL CSA CE
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

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
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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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

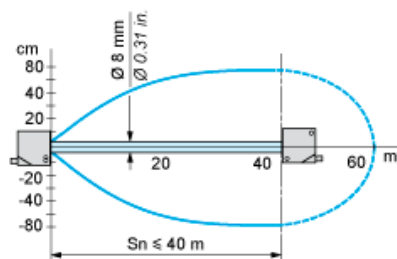
Wiring Schemes

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.

Detection Curves



Mouser Electronics

Authorized Distributor

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