XUX0ARCTT16T

Photoelectric sensors XU, XUX, emitter, 24...240VAC/DC, terminals



Main

Range of Product	Telemecanique Photoelectric sensors 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

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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 0.280.39 in (710 mm)	
Status LED	1 LED green)supply on	
[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	
Maximum voltage drop	<1.5 V closed state)	
Current consumption	20 mA no-load	
Time delay range	0.0215 s monostable, on-delay or off-delay (programmable)	
Maximum delay first up	st up 200 ms	
Maximum delay response	y response 25 ms	
Maximum delay recovery	25 ms	
Setting-up	Without sensitivity adjustment	
Electrical durability	500000 Cycles 0.4 500 cyc/mn 500000 cycles 1 3000 cyc/mn	
Depth	3.03 in (77 mm)	
Height	3.62 in (92 mm)	
Width	1.22 in (31 mm)	
Net Weight	0.44 lb(US) (0.2 kg)	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interest of and is not to be used for determining suitability or flushed products for specific user applications. It is the documentation is not integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product Certifications	UL[RETURN]CSA[RETURN]CE	
Ambient Air Temperature for Operation	-13131 °F (-2555 °C)	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Vibration resistance	7 gn +/- 1.5 mm 1055 Hz) IEC 60068-2-6	
Shock resistance	30 gn 11 ms) IEC 60068-2-27	
IP degree of protection	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529	

Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389110168327
Returnability	Yes
Country of origin	FR

Packing Units

PCE
1
1.57 in (4.0 cm)
3.74 in (9.5 cm)
5.12 in (13.0 cm)
6.49 oz (184.0 g)
S02
22
5.91 in (15.0 cm)
11.81 in (30.0 cm)
15.75 in (40.0 cm)
9.63 lb(US) (4.367 kg)

Offer Sustainability

Sustainable offer status	Green Premium product WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	
California proposition 65		
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End of Life Information	
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com	

Contractual warranty

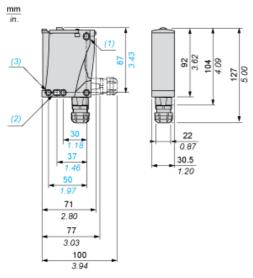
Warranty	18 months	



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

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Wiring Schemes

Transmitter DC

M12		Terminals		
1	•	1	\oslash	+
3	•	2	\oslash	-
2	•	3	0	Beam break input (1)

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

Product data sheet Performance Curves

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Detection Curves

