Product data sheet Characteristics

XUX0AKSAM12T

Photoelectric sensors XU, XUX, emitter, 12...24 VDC, M12





Main

IVIAIII		
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	DC	
Wiring technique	3-wire	
Electrical connection	1 male connector M12, 4 pins	
Product specific application	-	
Emission	Infrared thru beam	
[Sn] nominal sensing distance	40 M thru beam need a receiver	

Complementary

Complementary		
Enclosure material	РВТ	
Lens material	РММА	
Maximum sensing distance	60 M thru beam	
Add on input	Test by emission breaking	
Status LED	1 LED (green) for supply on	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	1036 V DC	
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)	
Switching frequency	<= 250 Hz	
Maximum voltage drop	<1.5 V (closed state)	
Current consumption	20 mA no-load	
Maximum delay first up	200 Ms	
Maximum delay response	2 Ms	
Maximum delay recovery	2 Ms	
Setting-up	Without sensitivity adjustment	
Depth	77 Mm	
Height	92 Mm	
Width	31 Mm	
Net weight	0.2 Kg	

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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	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	180.0 G
Package 1 Height	4.2 Cm
Package 1 width	9.5 Cm
Package 1 Length	13.2 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Weight	2.176 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	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) EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	€Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	

Contractual warranty

Product Life Status : Commercialised