Product data sheet Characteristics

XUB2BKSNM12T

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





Main

IVIAIII		
Range of product	Telemecanique Photoelectric sensors XU	
Series name	General purpose single mode	
Electronic sensor type	Photo-electric sensor transmitter	
Sensor name	XUB	
Sensor design	Cylindrical M18	
Detection system	Thru beam	
Material	Metal	
Line of sight type	Axial	
Type of output signal	Discrete	
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	15 M thru beam need a receiver	

Complementary

Complementary		
Enclosure material	Nickel plated brass	
Lens material	PMMA	
Maximum sensing distance	20 M thru beam	
Output type	Solid state	
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	<= 500 Hz	
Maximum voltage drop	<1.5 V (closed state)	
Current consumption	35 mA no-load	
Maximum delay first up	15 Ms	
Maximum delay response	1 Ms	
Maximum delay recovery	1 Ms	
Setting-up	Without sensitivity adjustment	
Diameter	18 Mm	

nation provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

mentation is not intended as a substitute for and is not to be used for determining suitability or fatebility of these products for specific user applications.

thy of any such user or 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, chiefer Electric industries SAS nor any of its affliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Length	60 Mm	
Net weight	0.05 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	
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 IP69K double insulation conforming to DIN 40050	
Packing Units		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Weight	48.0 G	
Package 1 Height	4.2 Cm	
Package 1 width	8.6 Cm	
Package 1 Length	11.6 Cm	
Unit Type of Package 2	S01	
Number of Units in Package 2	22	
Package 2 Weight	1.39 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) EV RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	™ Yes	
Environmental Disclosure	r Product Environmental Profile	
Circularity Profile	End Of Life Information	
Contractual warranty		
Warranty	18 months	

Product Life Status:	Commercialised	
----------------------	----------------	--