Product data sheet Characteristics

XUBTAPSWM12

photo-electric sensor - XUBT - polarised - 90° -Sn 1.4m - 12..24VDC - M12





Main	
Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Product specific appli- cation	Detection of transparent object
Sensor name	XUBT
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Plastic
Line of sight type	90° lateral
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Emission	Coaxial polarised red reflex
[Sn] nominal sensing distance	00.8 m with reflector XUZ C50/C50HP

Complementary

Complementary		
Kit composition	Reflector XUZC50HP	
	Sensor	
Enclosure material	PBT	
Lens material	РММА	
Beam angle	1.5 °	
Blind zone	0 mm	
Spot diameter	37 mm	
Type of output signal	Discrete	
Output type	Solid state	
Status LED	1 LED (green) for supply on	
	1 LED (red) for stability	
	1 LED (yellow) for output state	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	1032 V DC	
Switching capacity in mA	100 mA (overload and short-circuit protection)	
Switching frequency	1000 Hz	
Voltage drop	<= 1.5 V (closed state)	
Current consumption	45 mA (no-load)	
Delay first up	< 200 ms	
Delay response	< 500 ms	
Delay recovery	< 500 ms	
Product weight	0.048 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 interaned as a substitute for and is not to be used for determining substituty of these products for specific user applications. It is the duty of any sub-user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products for specific user applications. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.



Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	055 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	7 gn, amplitude = +/- 1 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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0724 - 🖾 Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

