XUBT1NSNM12

photoelectric sensor - transparent material - Sn 0..0.8 mm - NO or NC - M12

Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Product specific application	Detection of transparent object
Sensor name	XUBT1
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Plastic
Line of sight type	Axial
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Emission	Dual lens red reflex
[Sn] nominal sensing distance	0...0.8 m need reflector XUZC50

Complementary

Kit composition	Sensor Reflector XUZC50
Enclosure material	PBT
Lens material	PMMA
Beam angle	1.5 °
Blind zone	100 mm
Spot diameter	37 mm
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (green) for supply on 1 LED (yellow) for output state 1 LED (red) for alignment
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...32 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	30 mA (no-load)
Delay first up	< 2000 ms
Delay response	< 2000 ms
Delay recovery	< 2000 ms
Product weight	0.045 kg

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Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	0...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1 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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 3Q2013
Product environmental profile	Available 📄 Download Product Environmental
Product end of life instructions	Available 📄 Download End Of Life Manual

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