

# XUBT1PSNM12

photoelectric sensor - transparent material - Sn  
0..0.8 mm - NO or NC - cable 5m

Product availability: Stock - Normally stocked in distribution facility

## Main

Commercial Status	Commercialised
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	PNP
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...2.62 ft (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	3.94 in (100 mm)
Spot diameter	1.46 in (37 mm)
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (red) for alignment 1 LED (yellow) for output state 1 LED (green) for supply on
[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	0.1 lb(US) (0.045 kg)

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## Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	32...131 °F (0...55 °C)
Ambient air temperature for storage	-40...158 °F (-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	IP67 (double insulation) conforming to IEC 60529 IP65 (double insulation) conforming to IEC 60529

## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901651314
Nbr. of units in pkg.	1
Package weight(Lbs)	0.10
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	ID

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2013
Product environmental profile	Available  <a href="#">Download Product Environmental</a>
Product end of life instructions	Available  <a href="#">Download End Of Life Manual</a>

## Contractual warranty

Period	18 months
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