

XUBTSPSWM12

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

Product availability: Non-Stock - Not normally stocked in distribution facility



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	XUBT
Sensor design	Cylindrical M18
Detection system	Reflex
Material	Metal
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	0...2.62 ft (0...0.8 m) with reflector XUZ C50/C50HP

Complementary

Kit composition	Reflector XUZC50HP Sensor
Enclosure material	Stainless steel : 304 CU
Lens material	PMMA
Beam angle	1.5 °
Blind zone	0 in (0 mm)
Spot diameter	1.46 in (37 mm)
Type of output signal	Discrete
Output type	Solid state
Status LED	1 LED (green) supply on 1 LED (red) stability 1 LED (yellow) output state
[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	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	0.16 lb(US) (0.073 kg)

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Environment

Product certifications	UL CSA CE
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	IP65 (double insulation) conforming to IEC 60529 IP67 (double insulation) conforming to IEC 60529 IP69K (double insulation) conforming to DIN 40050

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119020978
Nbr. of units in pkg.	1
Package weight(Lbs)	0.20000000000000001
Returnability	N
Country of origin	FR

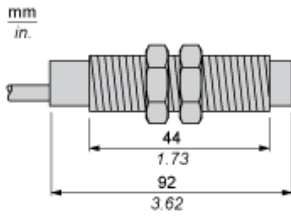
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0724 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

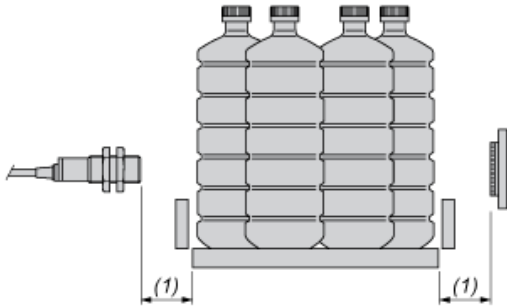
Warranty period	18 months
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Dimensions



Setting-up

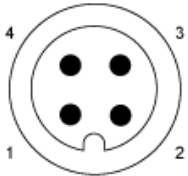
Recommended Distances and Application Restraints



(1) Blind zone : 0 m

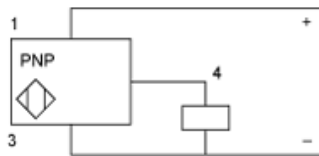
Wiring Schemes

M12 Connector



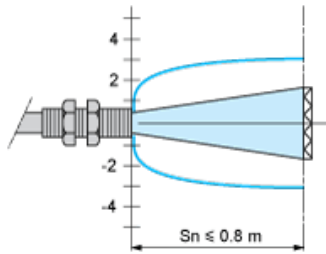
- 3 : (-)
- 1 : (+)
- 4 : OUT/Output
- 2 : Not connected

PNP



Detection Curves

Line of Sight 90° to Case Axis



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