

XUBT1NSNL2

photoelectric sensor - transparent material - Sn
0..0.8 mm - NO or NC - cable 2m

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	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	Cable
Cable length	6.56 ft (2 m)
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
Wire insulation material	PvR
Status LED	1 LED (green) supply on 1 LED (yellow) output state 1 LED (red) 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	0.23 lb(US) (0.103 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 intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty 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. 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 UL CSA
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

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119037853
Nbr. of units in pkg.	1
Package weight(Lbs)	0.23000000000000001
Returnability	N
Country of origin	ID

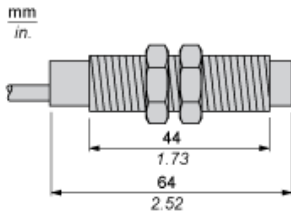
Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant
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

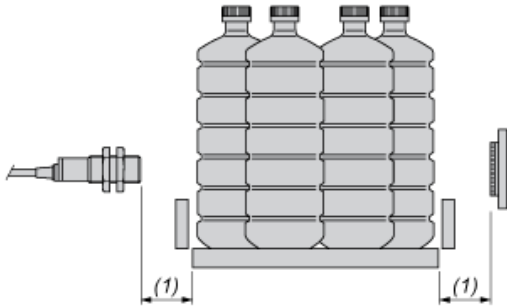
Warranty period	18 months
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Dimensions



Setting-up

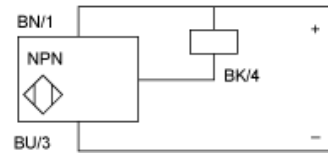
Recommended Distances and Application Restraints



(1) Blind zone : 0,1 m

Wiring Schemes

NPN



BU : Blue
BN : Brown
BK : Black (out / output)