XUBTAPSNL2

Photoelectric sensors XU, XUBT, polarised, Sn 1.4 m, 12...24 VDC, cable 2 m

Main

Range of Product	Telemecanique Photoelectric sensors 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	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	Cable
Cable length	6.56 ft (2 m)
Emission	Coaxial polarised red reflex
[Sn] nominal sensing distance	0.00…4.59 ft (0…1.4 m) with reflector XUZ C50/ C50HP

Complementary

Kit composition	Sensor Reflector XUZC50HP
Enclosure Material	PBT
Lens material	PMMA
Beam angle	1.5 °
Blind zone	0.00 in (0 mm)
Spot diameter	1.46 in (37 mm)
Type of output signal	Discrete
Output Type	Solid state
Wire insulation material	PvR
Status LED	Supply on 1 LED green) Stability 1 LED red) Output state 1 LED yellow)
[Us] rated supply voltage	12...24 V DC 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
Maximum voltage drop	<1.5 V closed state)
Current consumption	45 mA no-load
Maximum delay first up	200 ms
Maximum delay response	500 ms
Maximum delay recovery	500 ms
Net Weight	0.24 lb(US) (0.11 kg)

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Environment

Product Certifications	UL[RETURN]CE[RETURN]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 +/- 1 mm 10…55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP65 IEC 60529 double insulation) IP67 IEC 60529 double insulation)

Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389119020763
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.42 in (3.6 cm)
Package 1 Width	5.04 in (12.8 cm)
Package 1 Length	2.76 in (7.0 cm)
Package 1 Weight	3.81 oz (108.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	9.00 lb(US) (4.082 kg)

Offer Sustainability

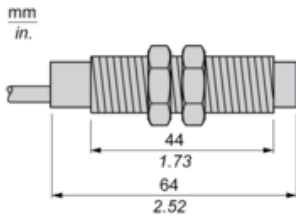|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

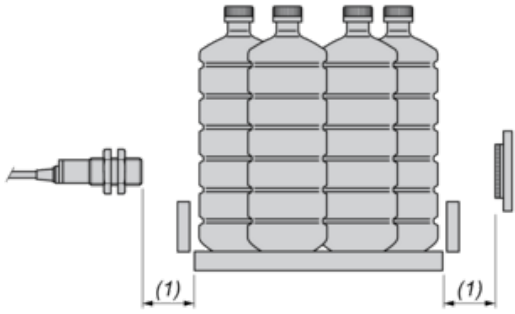|	
Warranty	18 months

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Dimensions

Setting-up

Recommended Distances and Application Restraints

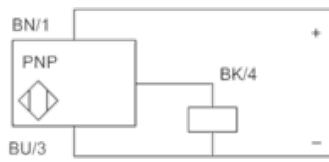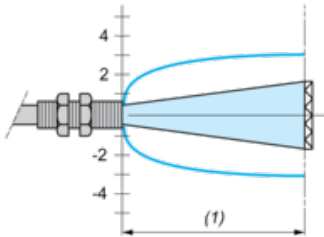
(1) Blind zone : 0 m

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PNP

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

Detection Curves

Line of Sight Along Case Axis

Sn ≤ 1.4 m

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Sensors