XUBTSNSNL2

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	Metal
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	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	Stainless steel : 304 CU
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	0.30 lb(US) (0.135 kg)

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 +/- 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) IP69K DIN 40050 double insulation)

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389119020923
Nbr. of units in pkg.	1
Package weight(Lbs)	3.63 oz (103.0 g)
Returnability	No
Country of origin	FR

Packing Units

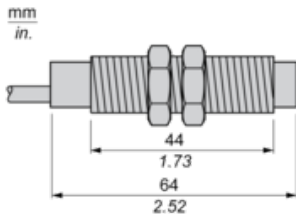|	
Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	3.82 in (9.7 cm)
Package 1 Length	5.20 in (13.2 cm)

Offer Sustainability

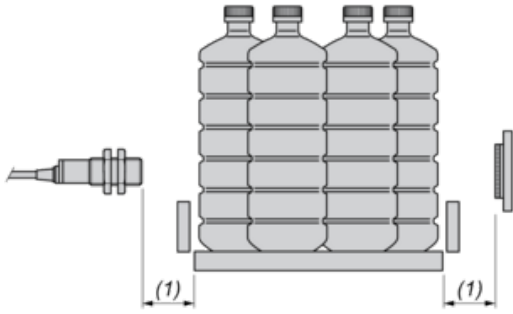|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months

Life Is On Schneider Electric

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Dimensions

mm
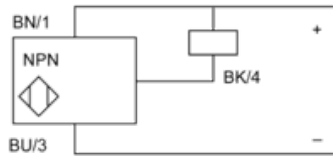*in.*

44
1.73

64
2.52

Setting-up

Recommended Distances and Application Restraints

(1) Blind zone : 0 m

Wiring Schemes

NPN
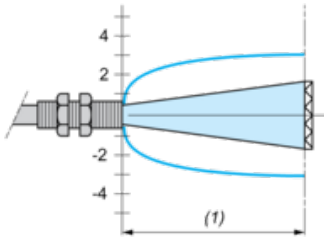

BU : Blue

BN : Brown

BK : Black (out / output)

Detection Curves

Line of Sight Along Case Axis

Sn ≤ 1.4 m