

# Product data sheet

## Characteristics

# XUBTANSNL2

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



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

Price\*: 243.00 USD



### 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	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	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 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
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)

## Environment

Product Certifications	CSA UL 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 +/- 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	22490 - SENSORS-ULTRASONIC (XX5,6)
Discount Schedule	DS2
GTIN	03389119020800
Nbr. of units in pkg.	1
Package weight(Lbs)	3.63 Oz (103 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

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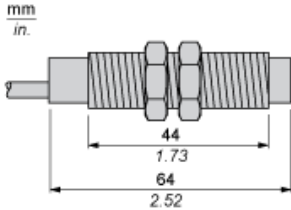
Warranty	18 months
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Dimensions

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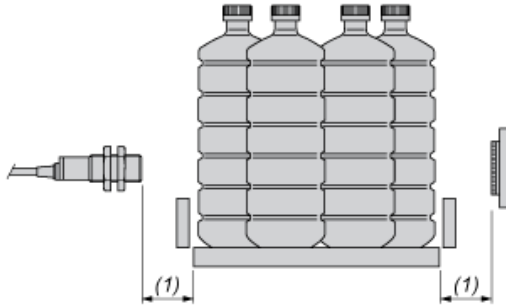


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## Setting-up

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### Recommended Distances and Application Restraints



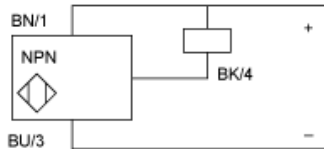
(1) Blind zone : 0 m

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## Wiring Schemes

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### NPN



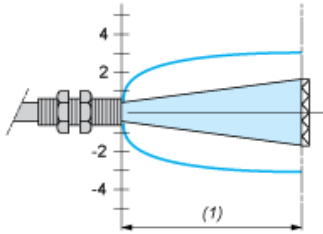
BU : Blue  
BN : Brown  
BK : Black (out / output)

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## Detection Curves

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### Line of Sight Along Case Axis



$S_n \leq 1.4 \text{ m}$

Product Life Status : Commercialised
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