

# Product data sheet

## Characteristics

# XUBTAPSWL2

Photoelectric sensors XU, XUBT, polarised, 90°,  
Sn 1.4 m, 12...24 VDC, cable 2 m



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

Price\*: 250.50 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	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	Cable
Cable length	6.56 Ft (2 m)
Emission	Coaxial polarised red reflex
[Sn] nominal sensing distance	0.00...2.62 Ft (0...0.8 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	0.25 Lb(US) (0.113 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	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	03389119020787
Nbr. of units in pkg.	1
Package weight(Lbs)	3.70 Oz (105 g)
Returnability	No
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.38 In (3.5 cm)
Package 1 width	2.83 In (7.2 cm)
Package 1 Length	5.12 In (13 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>

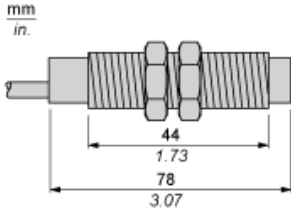
## Contractual warranty

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Warranty	18 months
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Dimensions

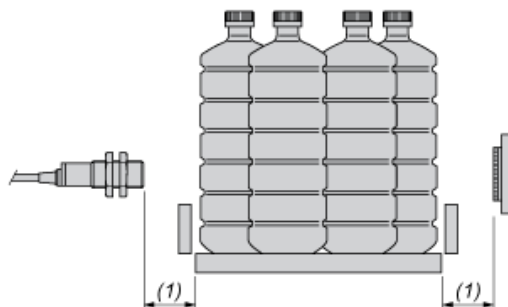


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## Setting-up

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### Recommended Distances and Application Restraints



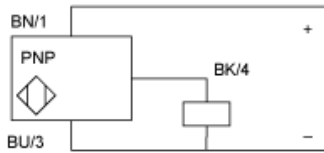
(1) Blind zone : 0 m

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## Wiring Schemes

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### PNP



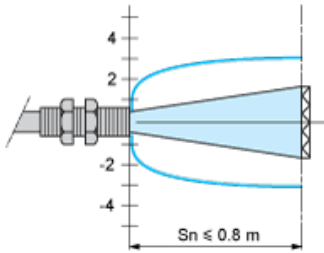
BU : Blue  
BN : Brown  
BK : Black (out / output)

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## Detection Curves

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Line of Sight 90° to Case Axis



Product Life Status :	Commercialised
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