



## 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	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	Reflector XUZC50HP Sensor
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) (0.138 kg)

## Environment

Product Certifications	UL CE 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) IP69K DIN 40050 double insulation)

## Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389119020909
Returnability	No

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.12 in (13.0 cm)
Package 1 Width	3.74 in (9.5 cm)
Package 1 Length	1.65 in (4.2 cm)
Package 1 Weight	3.77 oz (107.0 g)

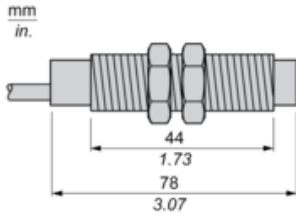
## Offer Sustainability

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

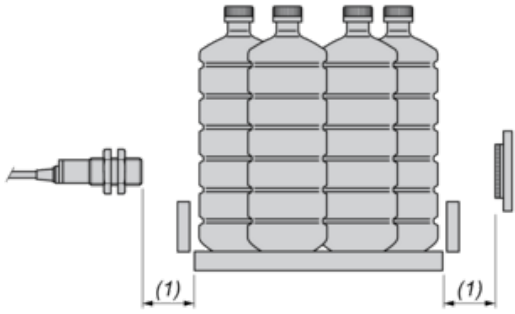
Warranty	18 months
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## Dimensions



## Setting-up

### Recommended Distances and Application Restraints



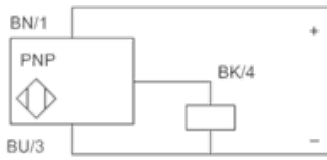
(1) Blind zone : 0 m

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## Wiring Schemes

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### PNP



BU : Blue

BN : Brown

BK : Black (out / output)