## XUBTANSNM12

Photoelectric sensors XU, XUBT, polarised, Sn 1.4 m, 12...24 VDC, M12





#### 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	1 male connector M12, 4 pins
Emission	Coaxial polarised red reflex
[Sn] nominal sensing distance	0.004.59 ft (01.4 m) with reflector XUZ C50/ C50HP

#### Complementary

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
Status LED	Supply on 1 LED green) Stability 1 LED red) Output state 1 LED yellow)
[Us] rated supply voltage	1224 V DC reverse polarity protection
Supply voltage limits	1032 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	0.10 lb(US) (0.045 kg)

## Environment

CE UL CSA
32131 °F (055 °C)
-40158 °F (-4070 °C)
7 gn +/- 1 mm 1055 Hz) IEC 60068-2-6
30 gn 11 ms) IEC 60068-2-27
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	3389119020862
Nbr. of units in pkg.	1
Package weight(Lbs)	2.05 oz (58.0 g)
Returnability	No
Country of origin	FR

## **Packing Units**

i doking office	
Unit Type of Package 1	PCE
Package 1 Height	1.42 in (3.6 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	5.20 in (13.2 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	15
Package 2 Weight	2.36 lb(US) (1.072 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 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	<sup>™</sup> REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

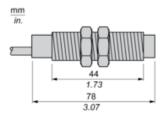
#### Contractual warranty

- Contraction from the first term of the first t	
Warranty	18 months

# Product data sheet Dimensions Drawings

# XUBTANSNM12

## **Dimensions**

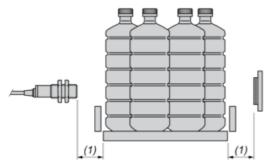


# Product data sheet Mounting and Clearance

## XUBTANSNM12

## Setting-up

## Recommended Distances and Application Restraints



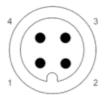
(1) Blind zone: 0 m

## Product data sheet Connections and Schema

## XUBTANSNM12

## Wiring Schemes

## M12 Connector



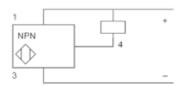
3:(-)

1:(+)

4 : OUT/Output

2 : Not connected

## **NPN**

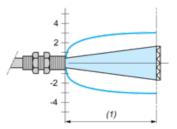


# Product data sheet Performance Curves

# XUBTANSNM12

## **Detection Curves**

Line of Sight Along Case Axis



 $Sn \le 1.4 m$