## XUB2APANM12R

Photoelectric sensors XU, XUB, receiver, Sn 15 m, 12...24 VDC, M12



#### Main

Range of produc	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Plastic
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	15 m thru beam need a transmitter XUB2AKSNM12T

#### Complementary

Complementary	
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	20 m thru beam
Output type	Solid state
Add on output	Without
Status LED	1 LED (yellow) for output state
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Supply voltage limits	1036 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Maximum voltage drop	<1.5 V (closed state)
Current consumption	35 mA no-load
Maximum delay first up	15 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	60 mm
Net weight	0.04 kg

#### **Environment**

Product certifications	CSA[RETURN]UL[RETURN]CE
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 IP69K double insulation conforming to DIN 40050

### Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	4.2 cm	
Package 1 Width	6.5 cm	
Package 1 Length	9.6 cm	
Package 1 Weight	33 g	
Unit Type of Package 2	S01	
Number of Units in Package 2	22	
Package 2 Height	15 cm	
Package 2 Width	15 cm	
Package 2 Length	40 cm	
Package 2 Weight	1.008 kg	

### Offer Sustainability

Sustainable offer status	Green Premium product
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☑ End of Life Information
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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

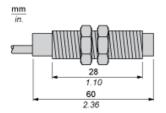
#### Contractual warranty

Warranty	18 months

# Product data sheet Dimensions Drawings

# XUB2APANM12R

#### **Dimensions**

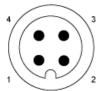


## Product data sheet Connections and Schema

# XUB2APANM12R

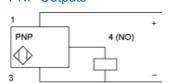
#### Wiring Schemes

#### M12 Connector



1: (+) 3: (-) 4: OUT/Output

## PNP Outputs



# Product data sheet Performance Curves

# XUB2APANM12R

#### **Detection Curves**

