

XUM2ANCNL2

Photoelectric sensors XU, XUM, thru beam, Sn
15 m, 12...24 VDC, cable 2 m



Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
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	2 m
Product specific application	-
Emission	Red thru beam
[Sn] nominal sensing distance	15 m thru beam

Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) for instability and receiver/supply on 1 LED (orange) for transmitter/supply on 1 LED (red) for receiver/indicator light
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1000 Hz
Maximum voltage drop	<3 V (closed state)
Current consumption	11...13 mA no-load
Maximum delay first up	100 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	20 mm
Height	34 mm
Width	11 mm
Net weight	0.119 kg
Kit composition	Transmitter + receiver XUM2AKCNL2T + XUM2APCNL2R

Environment

Product certifications	CE[RETURN]cULus[RETURN]CTick
Ambient air temperature for operation	-30...60 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529 IP65 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.0 cm
Package 1 Width	15.0 cm
Package 1 Length	13.0 cm
Package 1 Weight	117.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	15
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.98 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	480
Package 3 Height	60.0 cm
Package 3 Width	80.0 cm
Package 3 Length	480.0 cm
Package 3 Weight	56.16 kg

Offer Sustainability

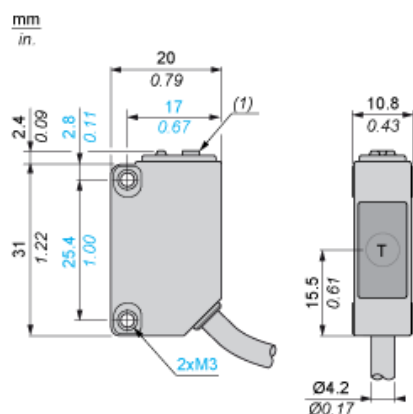
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

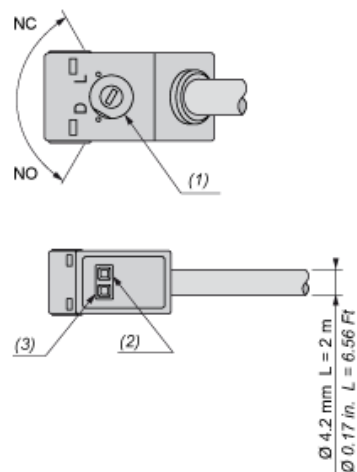
Warranty	18 months
----------	-----------

[illegible]

Transmitter's Dimensions

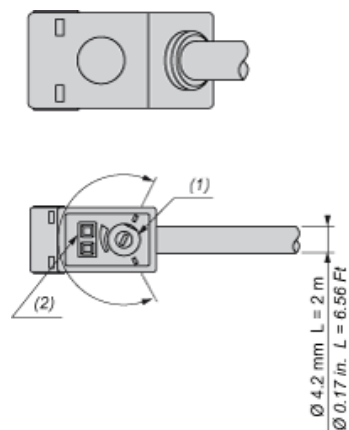


Mounting and Clearance



- (1) Configuration switch
- (2) Output state LED
- (3) Stability and power on LED

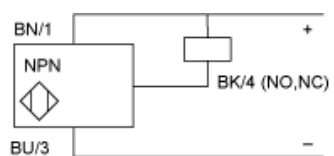
Mounting and Clearance



- (1) Adjustment potentiometer
- (2) Power on LED

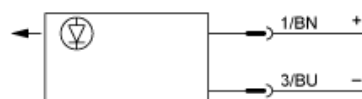
Connections and Schemes

NPN



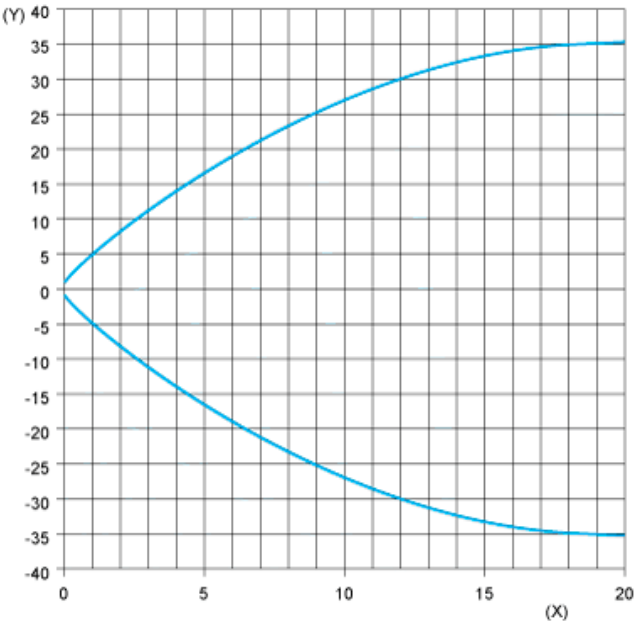
BN : Brown
BU : Blue
BK : Black

Transmitter DC



BN : Brown
BU : Blue

Detection Curves



(Y) Parallel movement (cm)
(X) Distance (m)