

# XUM2APCNL2R

Photoelectric sensors XU, XUM, receiver, 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 receiver
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	PNP
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 need a transmitter XUM2AKCNL2T

## Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Add on input	Test by emission breaking
Wire insulation material	PVC
Status LED	1 LED (red) for indicator light 1 LED (green) for instability and supply on
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 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	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
Depth	20 mm
Height	34 mm
Width	11 mm
Net weight	0.063 kg

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## Environment

Product certifications	cULus[RETURN]CTick[RETURN]CE
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	1.5 cm
Package 1 Width	15 cm
Package 1 Length	15 cm
Package 1 Weight	63 g

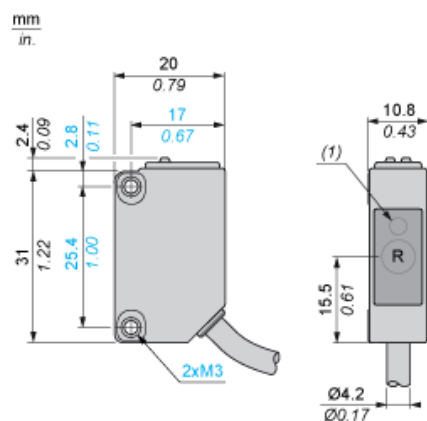
## Offer Sustainability

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

## Contractual warranty

Warranty	18 months
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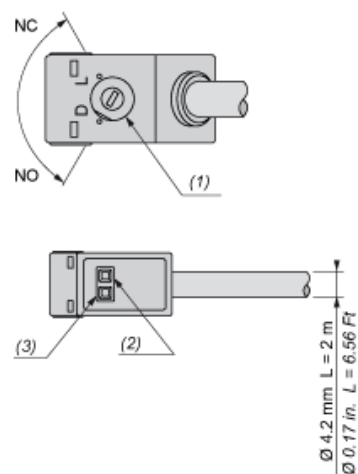
## Receiver's Dimensions



R : Reception

(1) Output state LED on front face

## Mounting and Clearance



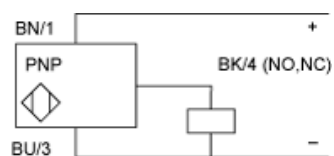
- (1) Configuration switch
- (2) Output state LED
- (3) Stability and power on LED

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## Connections and Schemes

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### PNP

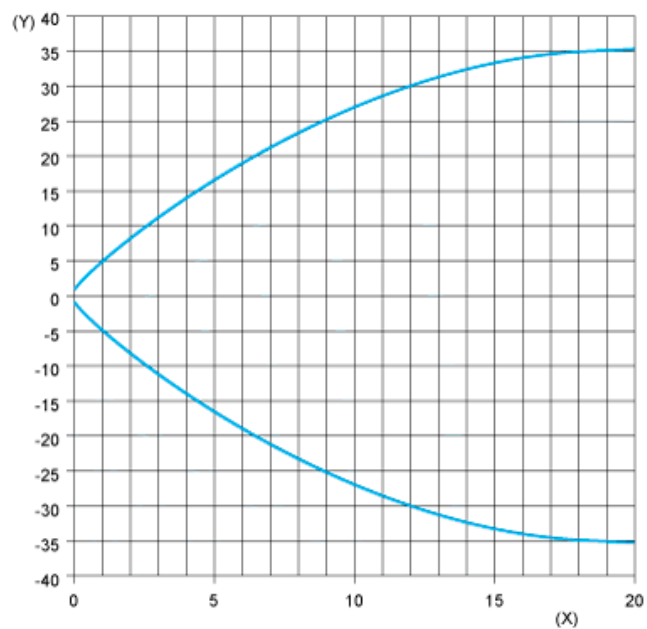


BN : Brown

BU : Blue

BK : Black

## Detection Curves



(Y) Parallel movement (cm)

(X) Distance (m)