

XUM2APCNL2

photo-electric sensor - XUM - thru beam - Sn 15m -
12..24VDC - cable 2m



Main

Range of product	OsiSense 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	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

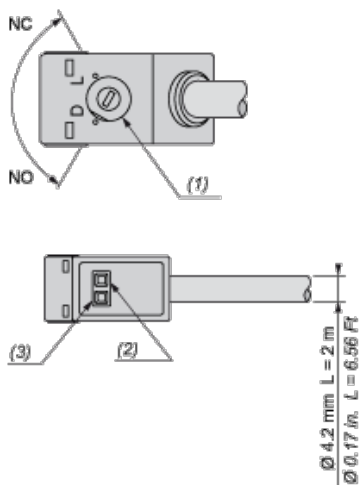
Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (red) for instability 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	35 mA (no-load)
Delay first up	30 ms
Delay response	1 ms
Delay recovery	1 ms
Setting-up	Sensitivity adjustment
Depth	27 mm
Height	38 mm
Width	12 mm
Product weight	0.08 kg
Kit composition	Transmitter + receiver XUM2AKCNL2T + XUM2APCNL2R

Environment

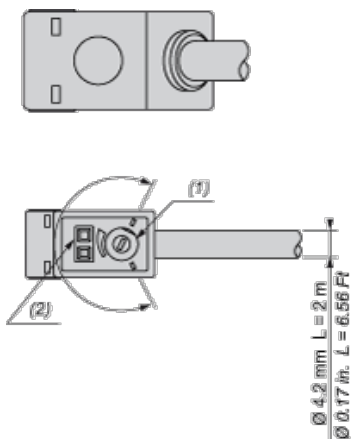
product certifications	CE CSA UL
ambient air temperature for operation	-25...55 °C
ambient air temperature for storage	-30...70 °C
vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6

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

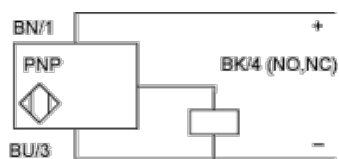
Mounting and Clearance



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

Connections and Schemes

PNP

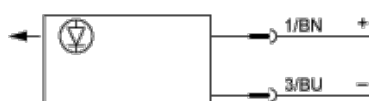


BN : Brown

BU : Blue

BK : Black

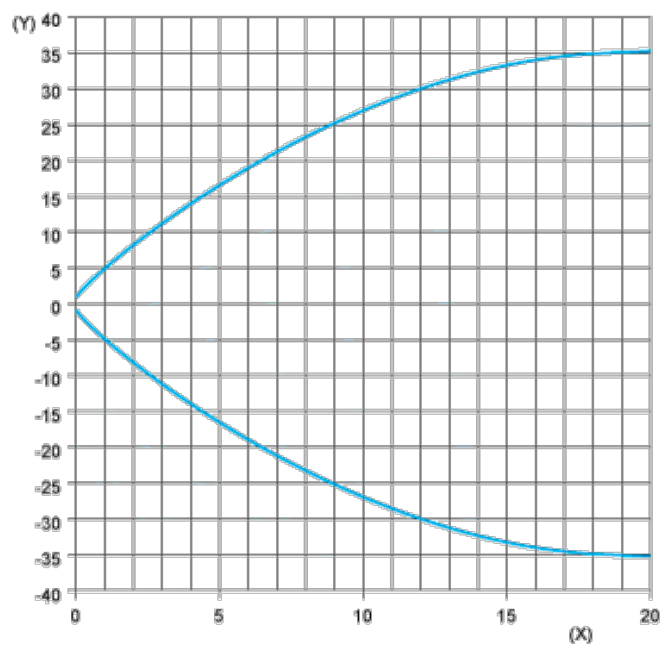
Transmitter DC



BN : Brown

BU : Blue

Detection Curves



(Y) Parallel movement (cm)

(X) Distance (m)