Product data sheet

Specifications

Photoelectric sensors XU, XUM, diffuse, Sn 1 m, 12...24 VDC, cable 2 m

XUM5ANCNL2

ⓘ **Discontinued on:** Apr 27, 2022

ⓘ **Discontinued**

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	Diffuse
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	Infrared diffuse
[Sn] Nominal Sensing Distance	1 m diffuse

Complementary

Enclosure Material	PBT
Lens Material	PMMA
Output Type	Solid state
Wire Insulation Material	PVC
Status Led	1 LED (yellow) for output state 1 LED (red) for instability
[Us] Rated Supply Voltage	12...24 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	30 ms

Maximum Delay Response	1 ms
Maximum Delay Recovery	1 ms
Setting-Up	Sensitivity adjustment
Depth	27 mm
Height	38 mm
Width	12 mm
Net Weight	0.08 kg

Environment

Product Certifications	CE UL CSA
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
Shock Resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
Ip Degree Of Protection	IP67 double insulation conforming to IEC 60529 IP65 double insulation 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

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ⟩

Guide to assess a product's sustainability ⟩

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

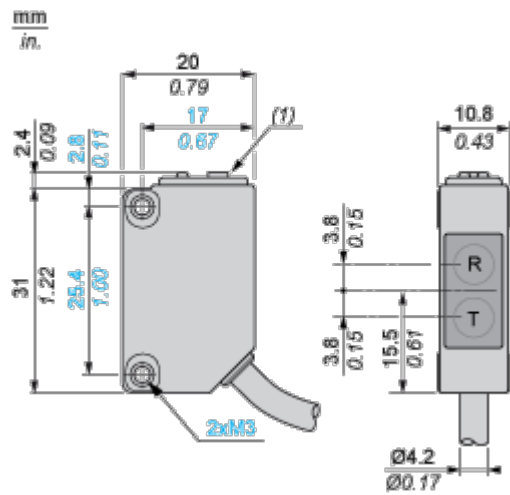**Eu Rohs Directive**   Pro-active compliance (Product out of EU RoHS legal scope)

EU RoHS Declaration

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
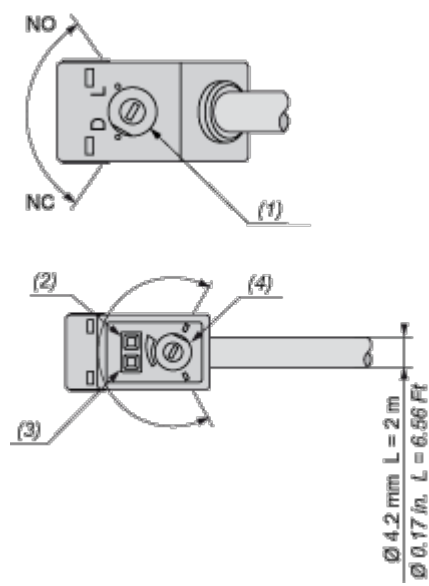
Dimensions Drawings

Dimensions

R : Reception

T : Transmission

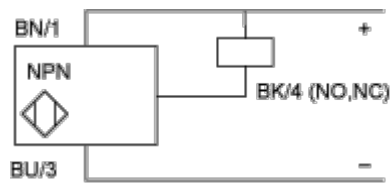(1) Potentiometer

Mounting and Clearance

(1)   Configuration switch

(2)   Output state LED

(3)   Stability and power on LED

(4)   Adjustment potentiometer
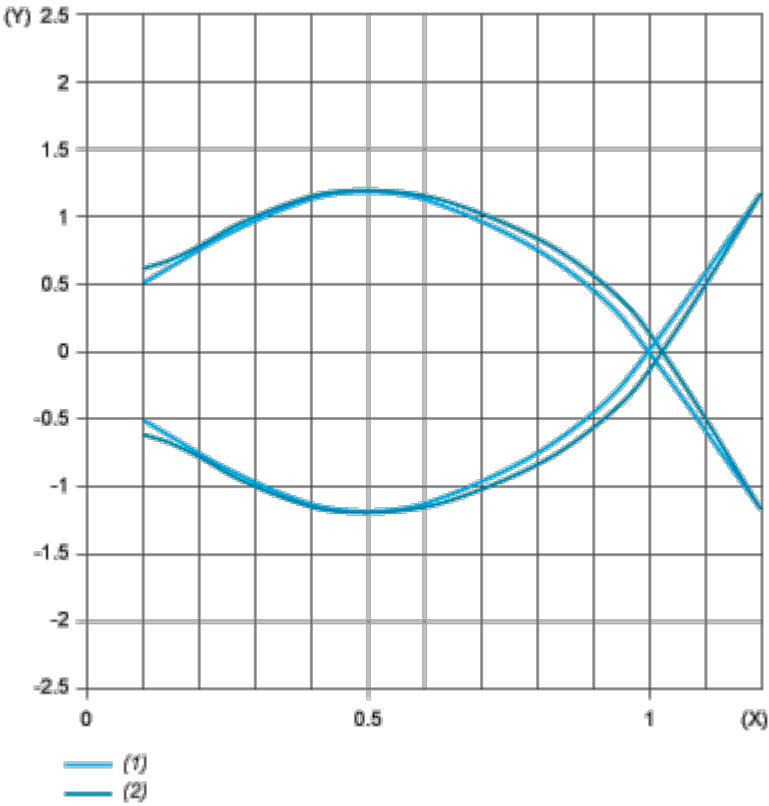
Connections and Schema

Connections and Schemes

NPN

BN :   Brown

BU :   Blue

BK :   Black

Performance Curves

Detection Curves

(1)   Vertical movement

(2)   Horizontal movement

(Y)   Parallel movement (cm)

(X)   Distance (m)