

XUM5ANCNL2

photo-electric sensor - XUM - diffuse - Sn 1m -
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	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 (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

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
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27

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IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529
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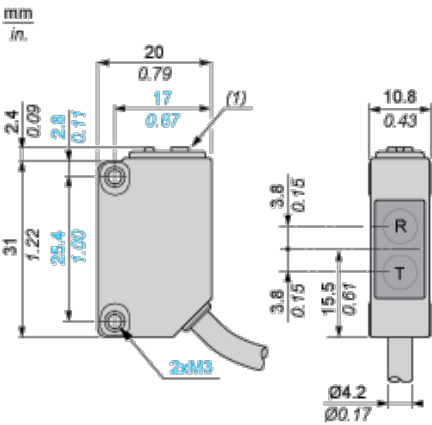
Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1152 - Schneider Electric declaration of conformity

Contractual warranty

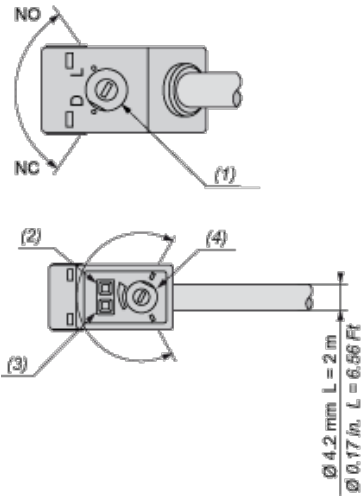
Warranty period	18 months
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Dimensions



- R : Reception
- T : Transmission
- (1) Potentiometer

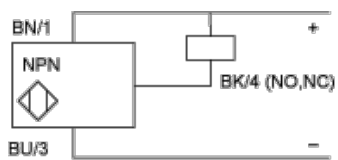
Mounting and Clearance



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

Connections and Schemes

NPN

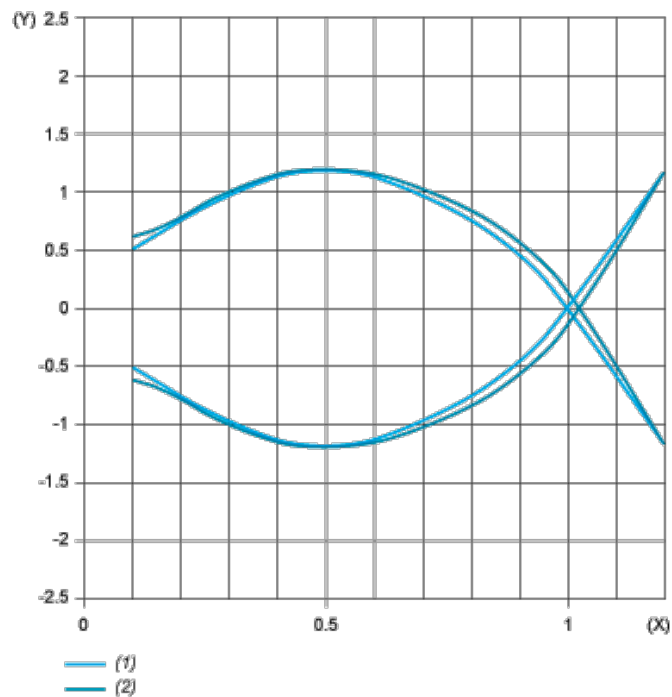


BN : Brown

BU : Blue

BK : Black

Detection Curves



(1) Vertical movement

(2) Horizontal movement

(Y) Parallel movement (cm)

(X) Distance (m)