Product data sheet
Characteristics

XUM9APCNL2
Photoelectric sensors XU, XUM, polarised, Sn 5 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	Polarised reflex
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 polarised reflex
[Sn] nominal sensing distance	5 m polarised reflex need reflector XUZC50

Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) for instability 1 LED (orange) for output state
[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	<2 V (closed state)
Current consumption	<= 10 mA no-load
Maximum delay first up	100 ms
Maximum delay response	1 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	20 mm
Height	33 mm
Length	11 mm
Width	11 mm
Net weight	0.063 kg

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Environment

Product certifications	CE[RETURN]cURus
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-30…70 °C
Immunity to ambient light	3000 Lux natural light 3000 lux incandescent light
Vibration resistance	20 gn, amplitude = +/- 1.5 mm (f = 10…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 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	15.0 cm
Package 1 Length	15.0 cm
Package 1 Weight	60.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	30
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.025 kg
Unit Type of Package 3	PAL
Number of Units in Package 3	960
Package 3 Height	60.0 cm
Package 3 Width	80.0 cm
Package 3 Length	960.0 cm
Package 3 Weight	60.48 kg

Offer Sustainability

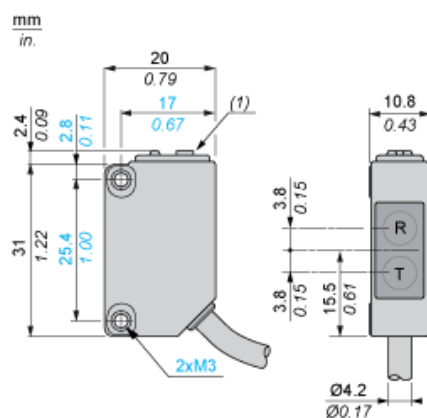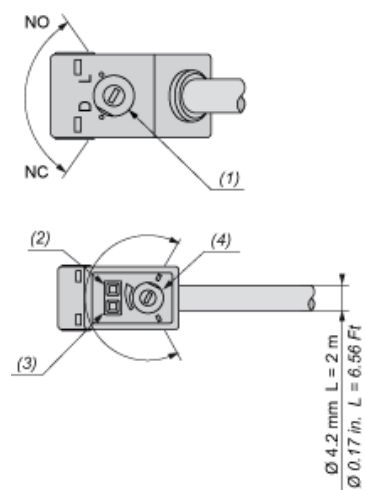|	
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.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

Contractual warranty

Warranty	18 months

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Dimensions
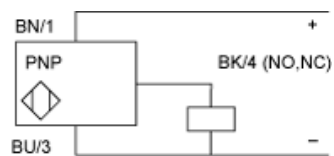

R : Reception
T : Transmission
(1) Potentiometer

Mounting and Clearance

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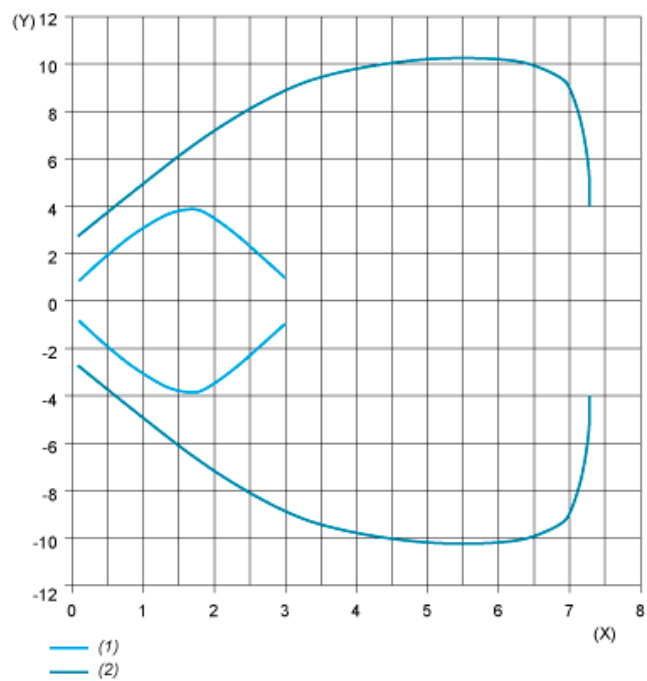(3)   Stability and power on LED
(4)   Adjustment potentiometer

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Connections and Schemes

PNP

BN : Brown
BU : Blue
BK : Black

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Detection Curves

(1) XUZC08
(2) XUZC50
(Y) Parallel movement (cm)
(X) Distance (m)

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