

XUMTANCNL2

photo-electric sensor - XUM - reflex - Sn 2m -
12..24VDC - cable 2m



Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Reflex
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	Detection of transparent object
Emission	Infrared reflex
[Sn] nominal sensing distance	2 m reflex need reflector XUZC50 1 m reflex need reflector XUZC50CR

Complementary

Enclosure material	PBT
Lens material	PC
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)
Voltage drop	<= 2 V (closed state)
Current consumption	<= 10 mA (no-load)
Delay first up	< 100 ms

Delay response	< 1 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	20 mm
Height	33 mm
Length	11 mm
Width	11 mm

Environment

Product certifications	CE cURus
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...70 °C
Immunity to ambient light	3000 lux with natural light 3000 lux with 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

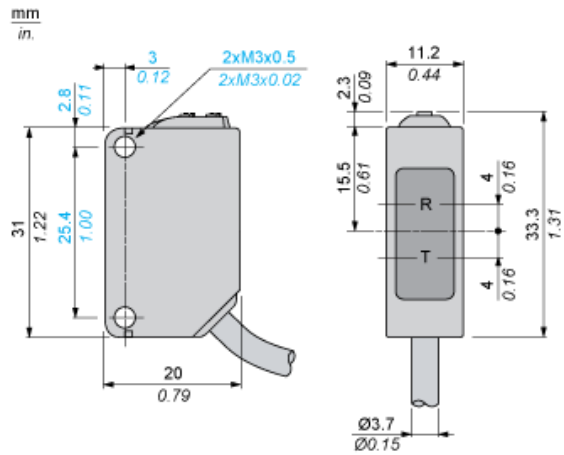
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1210 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
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Contractual warranty

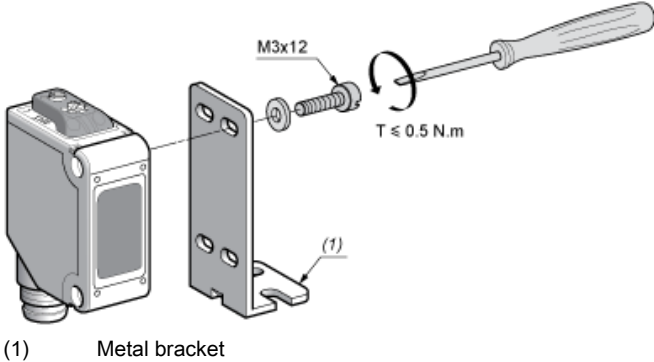
Warranty period	18 months
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Dimensions



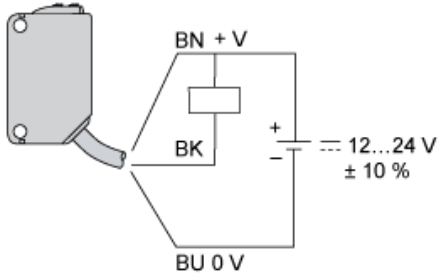
R : Reception
T : Transmission

Mounting



Wiring Schemes

NPN Output



BU : Blue
BN : Brown
BK : Black (OUT)