Product data sheet
Characteristics

XUMTAPCNL2
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	PNP
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

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Complementary

Enclosure material	PBT
Lens material	PC
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) for supply 1 LED (yellow) for output state
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 35 mA (no-load)
Delay first up	< 15 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Sensitivity adjustment
Depth	77 mm
Height	92 mm
Length	11 mm
Width	31 mm
Product weight	0.2 kg

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Environment

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Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Immunity to ambient light	3000 lux with natural light 3000 lux with incandescent light
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	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

Offer Sustainability

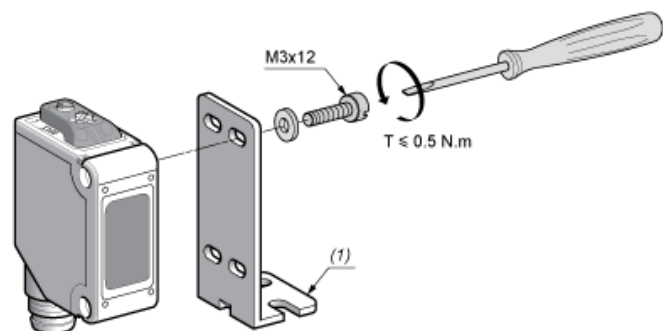|	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1210 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity

Contractual warranty

Warranty period	18 months

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Dimensions
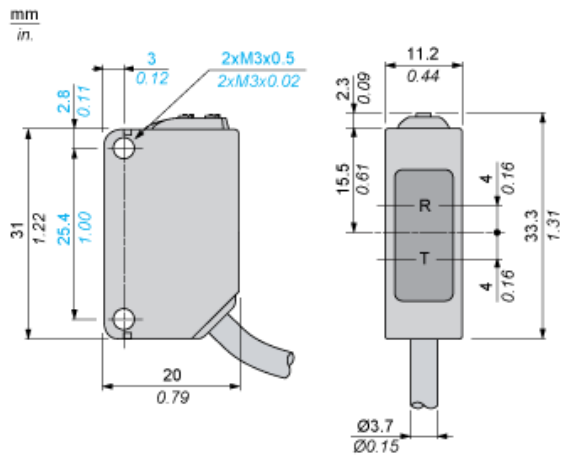
R : Reception
T : Transmission

Mounting

(1)   Metal bracket

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Wiring Schemes

PNP Output

BN + V

BK

$\overline{\cdots}$ 12...24 V
± 10 %

BU 0 V
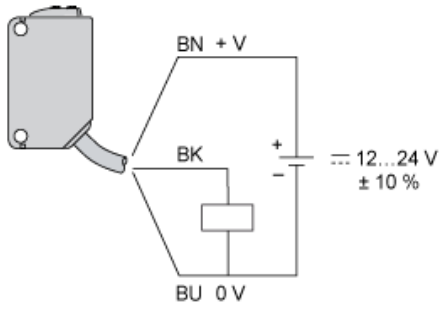
BU : Blue
BN : Brown
BK : Black (OUT)