XUM2APSBL2R

PHOTOELECTRIC SENSOR MINIATURE THRU BEAM SN 15M RECEIVER PNP CONNECTOR M8

Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
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
[Sn] nominal sensing distance	15 m need a transmitter XUM2AKSBL2T

Complementary

Enclosure material	PBT
Lens material	Modified polyarylate
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (orange) for output 1 LED (green) for stability
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10.2...26.4 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 500 Hz
Voltage drop	<= 2 V
Current consumption	13 mA (no-load)
Delay first up	<= 100 ms

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Delay response	<= 1 ms
Delay recovery	<= 1 ms
Setting-up	Sensitivity adjustment by pushbutton
Depth	20 mm
Height	34 mm
Width	11 mm
Product weight	0.063 kg

Environment

Product certifications	CE UL RCM
Ambient air temperature for operation	-30...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	+/- 1.5 mm (f = 10...55 Hz) 2 hours in each direction X, Y and Z conforming to IEC 60068-2-6
Shock resistance	500 m/s² (X, Y, Z directions for 10 cycles (approx. 100 min)) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

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Dimensions

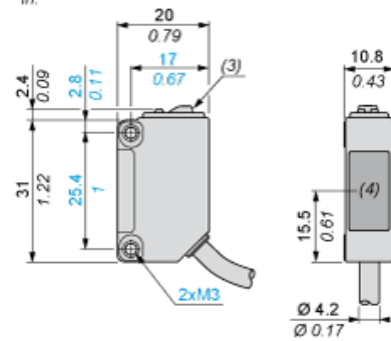### Receiver. Pre-cable Version

Description

$\frac{mm}{in.}$
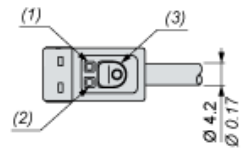
Dimensions

$\frac{mm}{in.}$

(1)   Output indicator (orange)
(2)   Stability indicator (green)
(3)   Setting pushbutton
(4)   Reception

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Connections and Schema

Pre-cabled

(-) : BU (Blue)

(+) : BN (Brown)

OUT/Output : BK (Black)

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Connections and Schema

PNP
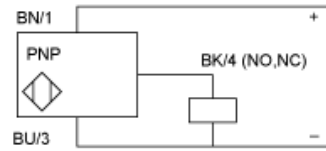
BN :   Brown
BU :   Blue
BK :   Black

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Mounting and Clearance

Tightening Torque
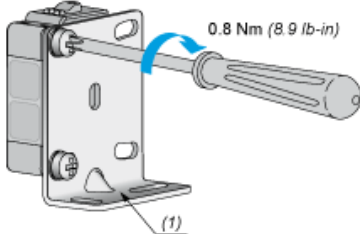
(1)   Base mounting fixing bracket

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Performance Curves

Thru-beam System
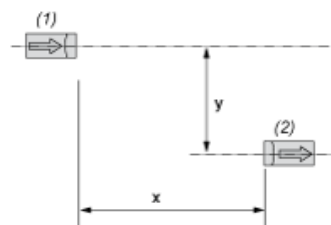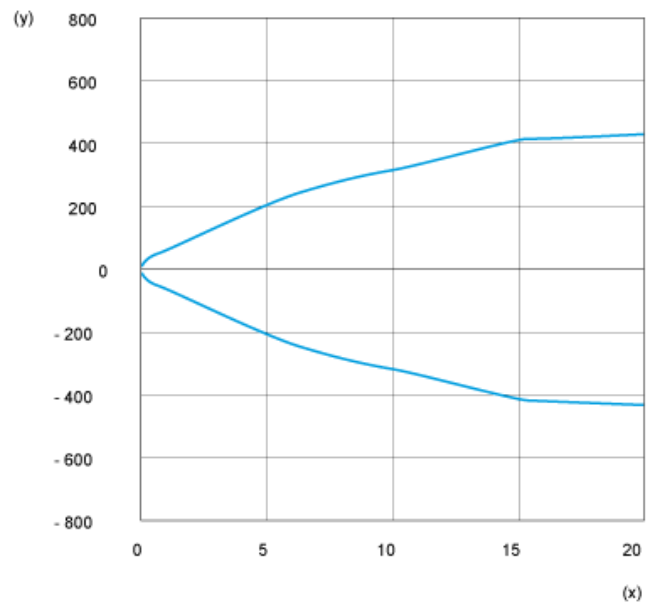
(1)   Transmitter
(2)   Receiver
(y)   Parallel movement in mm
(x)   Distance in m