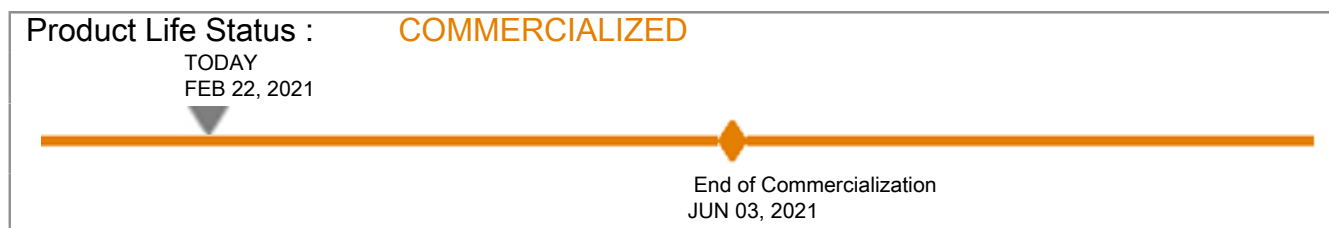


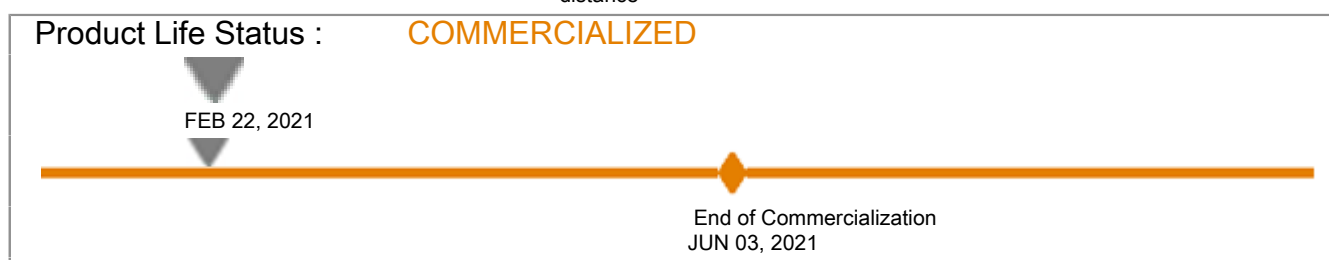
# XUM2APSBL2R

## 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	Stability: 1 LED (green) Output: 1 LED (orange)
[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 with overload and short-circuit protection
Switching frequency	<= 500 Hz
Maximum voltage drop	<2 V
Current consumption	13 mA no-load
Maximum delay first up	100 ms
Maximum delay response	1 ms

Maximum delay recovery	1 ms
Setting-up	Sensitivity adjustment by pushbutton
Depth	20 mm
Height	34 mm
Width	11 mm
Net weight	0.063 kg




## Environment

Product certifications	RCM CE UL
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/s <sup>2</sup> for 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

## Packing Units

Package 1 Weight	63.000 g
Package 1 Height	160.000 mm
Package 1 width	20.000 mm
Package 1 Length	110.000 mm

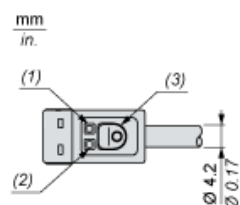
## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>

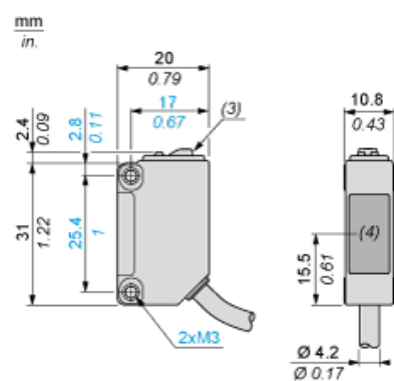
## Dimensions

### Receiver. Pre-cable Version

#### Description



#### Dimensions



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

---

## Connections and Schema

---

### Pre-cabled

(-) : BU (Blue)

(+) : BN (Brown)

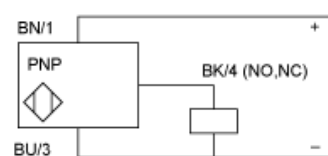
OUT/Output : BK (Black)

---

## Connections and Schema

---

### PNP



BN : Brown

BU : Blue

BK : Black

---

## Mounting and Clearance

---

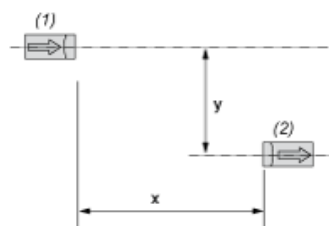
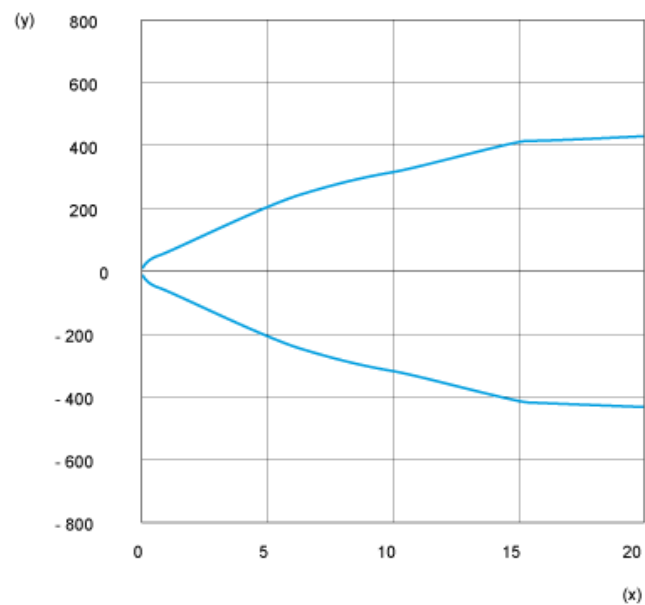
### Tightening Torque



(1) Base mounting fixing bracket

## Performance Curves

### Thru-beam System



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