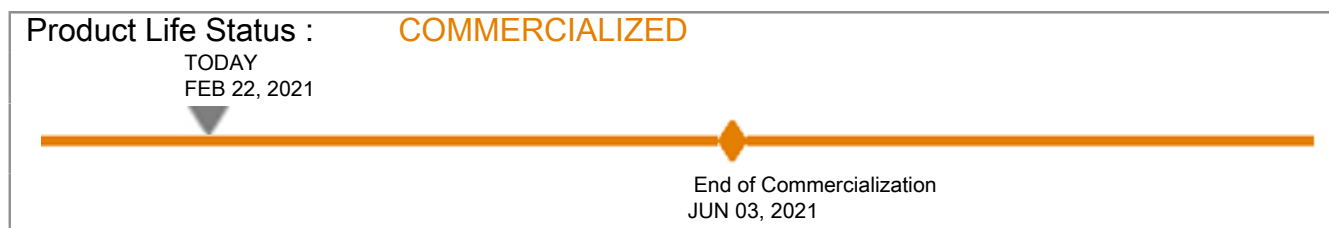


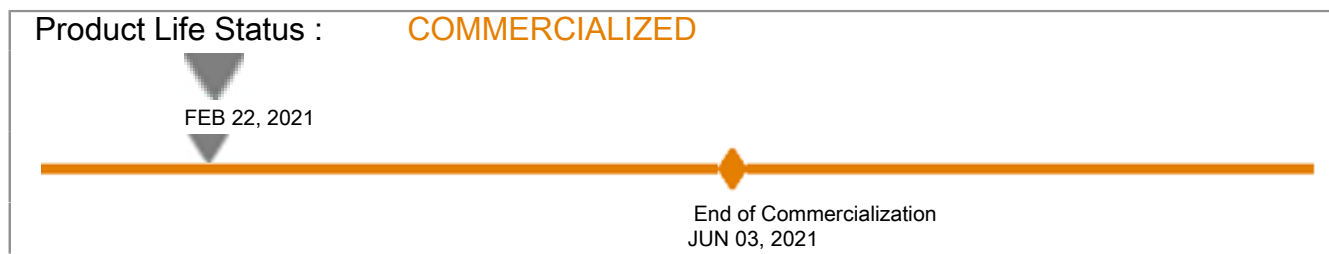
XUM2AKSBM8T

PHOTOELECTRIC SENSOR MINIATURE THRU BEAM SN=15M EMITTER CONNECTOR M8



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
Material	Plastic
Supply circuit type	DC
Wiring technique	2-wire
Electrical connection	Male connector M8, 4 pins
Emission	Red thru beam
[Sn] nominal sensing distance	15 m need a receiver



Complementary

Enclosure material	PBT
Lens material	Modified polyarylate
Status LED	Supply on: 1 LED (orange)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10.2...26.4 V DC
Maximum voltage drop	<2 V
Current consumption	12 mA no-load
Maximum delay first up	100 ms
Depth	20 mm
Height	34 mm
Width	11 mm
Net weight	0.01 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 ² 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

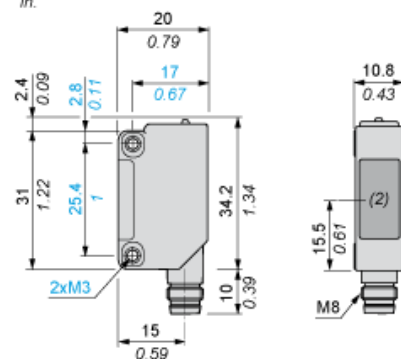
Package 1 Weight	10.000 g
Package 1 Height	20.000 mm
Package 1 width	11.000 mm
Package 1 Length	35.000 mm

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes

Transmitter. Connector Version

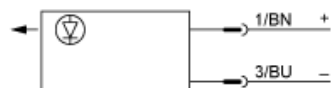
(1)

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


- (1) Power supply indicator (orange)
- (2) Transmission

Connections and Schema

DC Transmitter



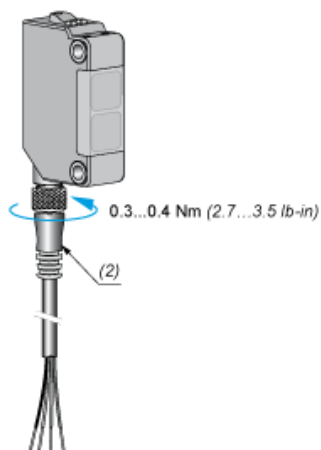
BN : Brown
BU : Blue

Mounting and Clearance

Tightening Torques



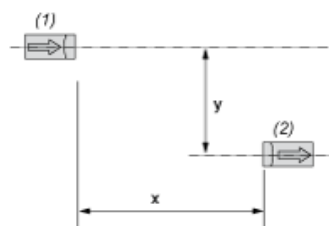
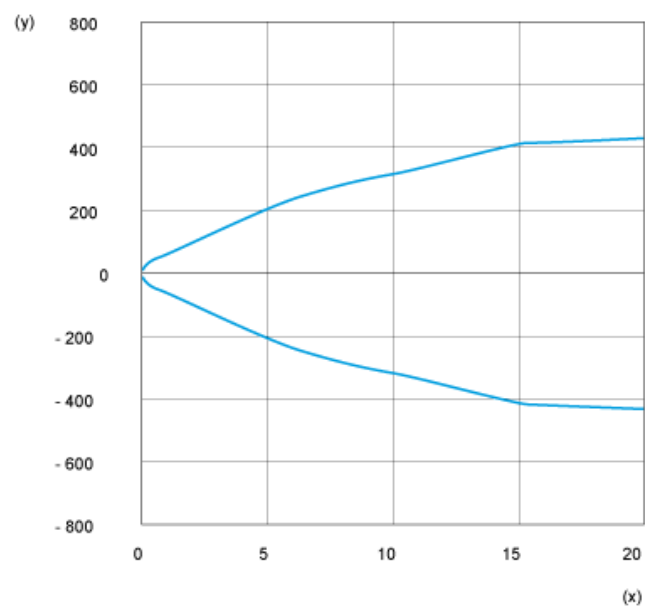
(1) Base mounting fixing bracket



(2) Pre-wired M8 connector

Performance Curves

Thru-beam System



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