

# Product data sheet

Specifications



## Photoelectric sensors XU, miniature, thru beam, Sn=15 m, emitter, connector M8

XUM2AKSBM8T

! Discontinued on: 16 January 2023

! Discontinued

### Main

Range of product	Telemecanique Photoelectric sensors 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/s² 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	1.1 cm
Package 1 Length	3.5 cm
Package 1 Weight	10.0 g
Unit Type of Package 2	S01
Number of Units in Package 2	30
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	846.0 g

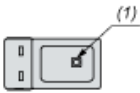
Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

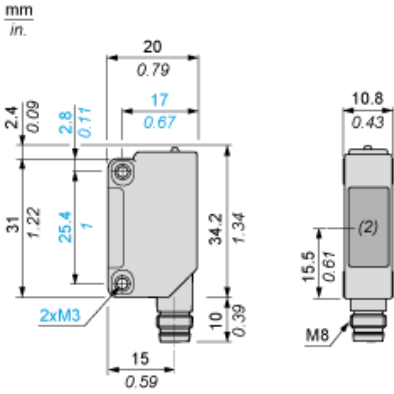
Dimensions

Transmitter. Connector Version

Description



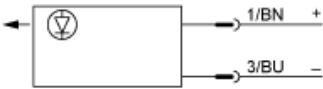
Dimensions



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

Connections and Schema

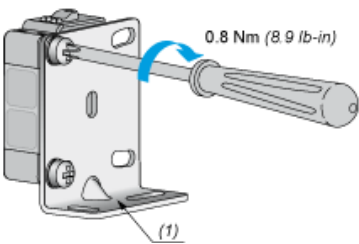
DC Transmitter



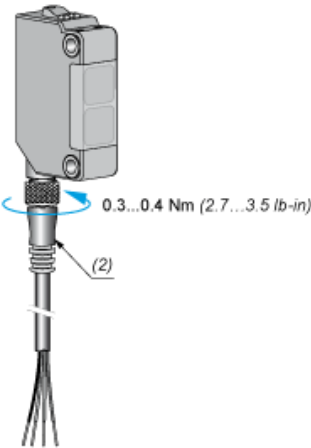
BN : Brown  
BU : Blue

Mounting and Clearance

Tightening Torques



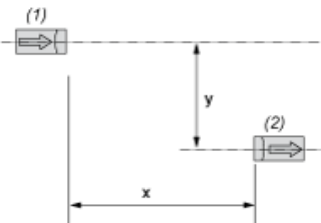
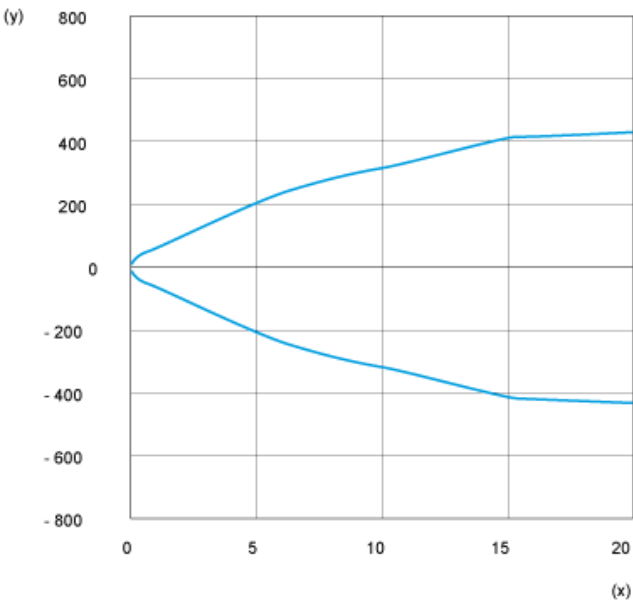
(1) Base mounting fixing bracket



(2) Pre-wired M8 connector

Performance Curves

Thru-beam System



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

Recommended replacement(s)

XUM2AKSBM8T is replaced by:

1x



Photoelectric sensors XU, miniature, thru beam, Smax=30 m, transmitter, connector M8  
XUM2AKXBM8T