

Product data sheet

Specifications



Photoelectric sensors XU, XUM, emitter, 12...24 VDC, M8

XUM2AKCNM8T

 **Discontinued on:** Apr 27, 2022

 **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	1 male connector M8, 4 pins
Product Specific Application	-
Emission	Red thru beam
[Sn] Nominal Sensing Distance	15 m thru beam need a receiver

Complementary

Enclosure Material	PBT
Lens Material	PMMA
Add On Input	Test by emission breaking
Status Led	1 LED (orange) for supply on
[Us] Rated Supply Voltage	12...24 V DC with reverse polarity protection
Supply Voltage Limits	10...30 V DC
Switching Capacity In Ma	<= 100 mA (overload and short-circuit protection)
Switching Frequency	<= 1000 Hz
Maximum Voltage Drop	<3 V (closed state)
Current Consumption	11 mA no-load
Maximum Delay First Up	100 ms
Maximum Delay Response	0.5 ms
Maximum Delay Recovery	0.5 ms
Setting-Up	Sensitivity adjustment
Depth	20 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Height	43 mm
Width	11 mm
Net Weight	0.01 kg

Environment

Product Certifications	CTick cULus CE
Ambient Air Temperature For Operation	-30...60 °C
Ambient Air Temperature For Storage	-40...70 °C
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	IP67 conforming to IEC 60529 IP65 conforming to IEC 60529

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.5 cm
Package 1 Width	15 cm
Package 1 Length	15 cm
Package 1 Weight	11 g

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

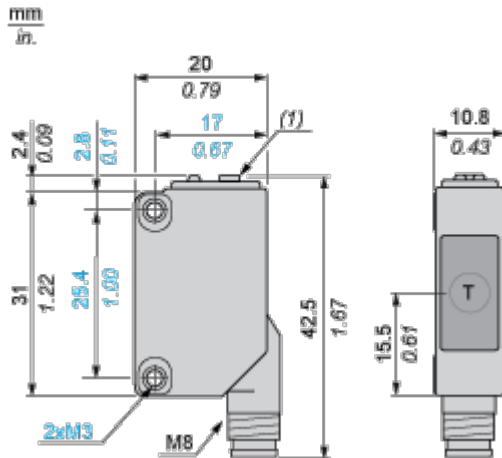
[EU RoHS Declaration](#)

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 Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Transmitter's Dimensions

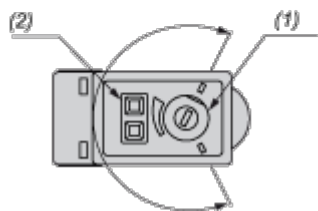
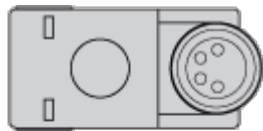


T: Transmission

(1) Potentiometer

Mounting and Clearance

Mounting and Clearance

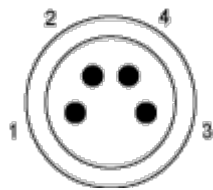


- (1) Adjustment potentiometer
- (2) Power on LED

Connections and Schema

Connections and Schemes

M8 Connector



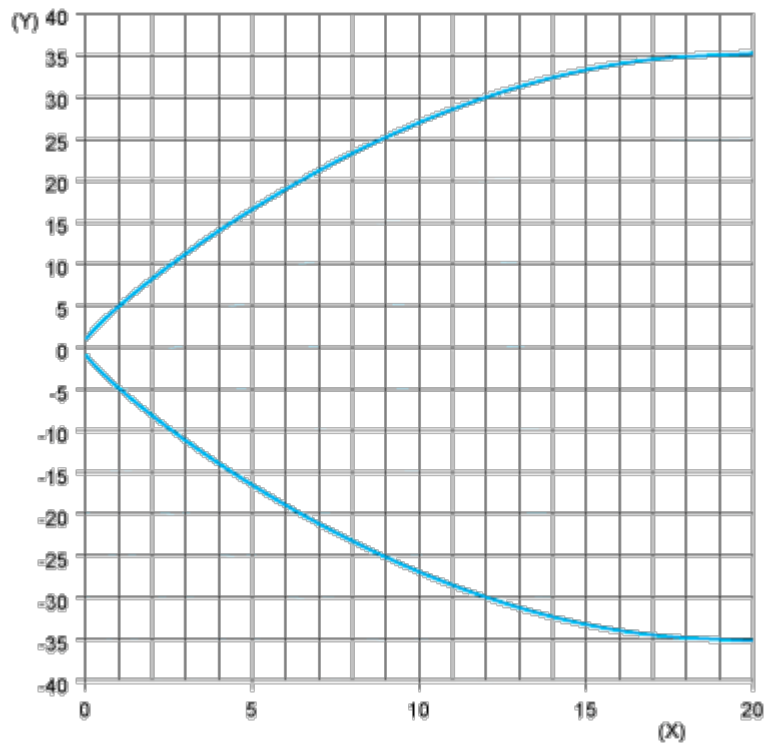
- 1 : (+)
- 3 : (-)
- 4 : OUT/Output

Transmitter DC



Performance Curves

Detection Curves



(Y) Parallel movement (cm)

(X) Distance (m)