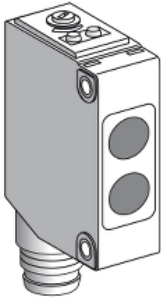


Product data sheet

Specifications



Photoelectric sensors XU, XUM, receiver, 15 m, 12...24 VDC, M8

XUM2ANCNM8R

Main

Range of product	Telemecanique Photoelectric sensors 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	NPN
Discrete output function	1 NO or 1 NC programmable
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 transmitter XUM2AKCNM8T

Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Add on input	Test by emission breaking
Status LED	1 LED (red) for indicator light 1 LED (green) for instability and 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	13 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
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 Weight	11 g
Package 1 Height	1.2 cm
Package 1 width	12 cm
Package 1 Length	12 cm
Unit Type of Package 2	S01
Number of Units in Package 2	30
Package 2 Weight	550 g
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm

Offer Sustainability

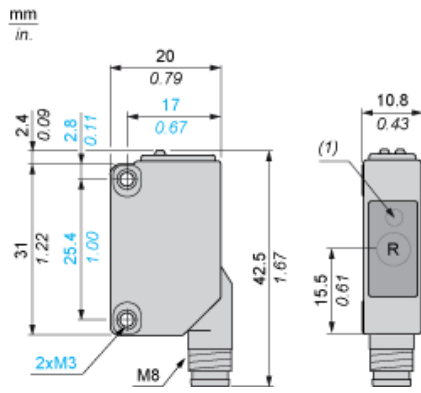
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which 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 www.P65Warnings.ca.gov

Contractual warranty

Warranty

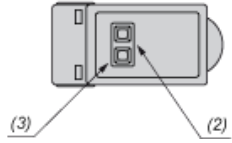
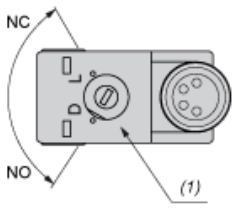
18 months

Receiver's Dimensions



- R : Reception
- (1) Output state LED on front face

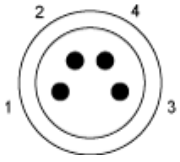
Mounting and Clearance



- (1) Configuration switch
- (2) Output state LED
- (3) Stability and power on LED

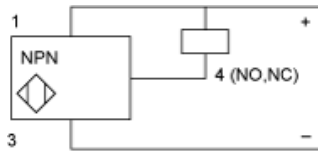
Connections and Schemes

M8 Connector

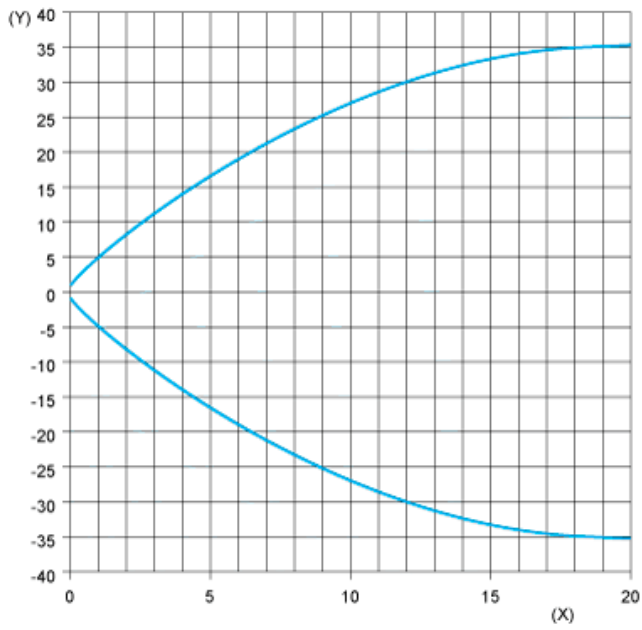


- 1 : (+)
- 3 : (-)
- 4 : OUT/Output

NPN



Detection Curves



(Y) Parallel movement (cm)
(X) Distance (m)

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[FE7C-FRC6S-M](#) [FX-305](#) [PM-R24-R](#) [Q45VR2FPQ](#) [13104RQD07](#) [E3JUXM4MN](#) [E3L2DC4](#) [E3S3LE21](#) [E3SCT11M1J03M](#) [E3SDS20E21](#)
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