Product datasheet

Specifications

photo-electric sensor - XUM - receiver - 15m - 12..24VDC - M8

XUM2APCNM8R

🔴 Discontinued on: 07 July 2021

⊘ Discontinued

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	PNP
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

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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	CE CTick cULus
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

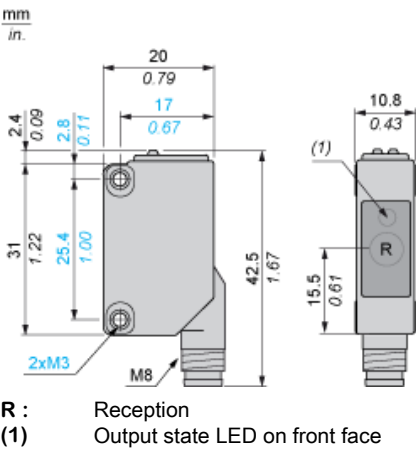|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.5 cm
Package 1 Width	15 cm
Package 1 Length	15 cm
Package 1 Weight	11 g

Offer Sustainability

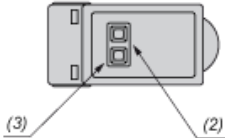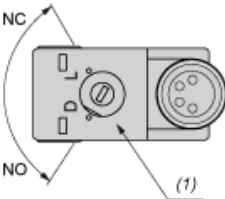|	
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	12 months

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Receiver's Dimensions

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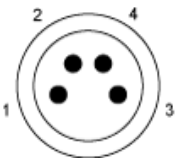**(1)** Output state LED on front face

Mounting and Clearance

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

Connections and Schemes

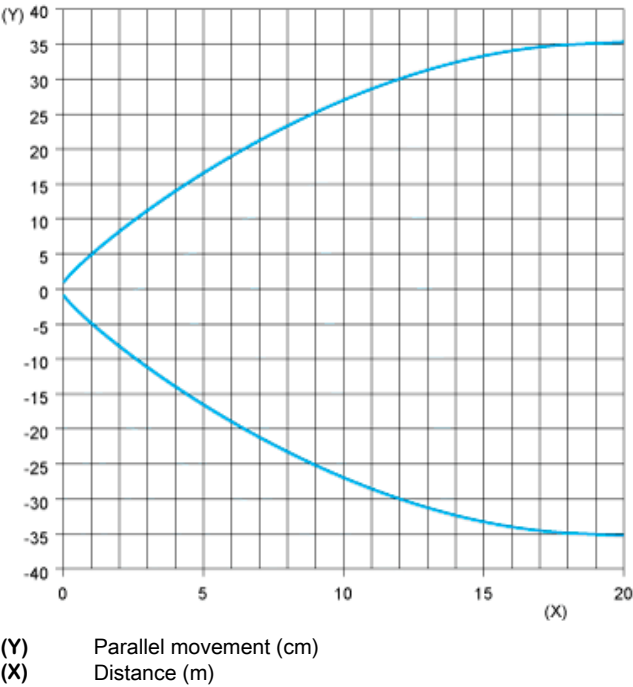**M8 Connector**

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

PNP

Detection Curves

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

Recommended replacement(s)