Product data sheet
Characteristics

XUM2APCNM8R
photo-electric sensor - XUM - receiver - 15m - 12..24VDC - M8

Product availability: Stock - Normally stocked in distribution facility

Main

Range of product	OsiSense 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	49.21 ft (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 (green) instability and supply on 1 LED (red) indicator light
[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
Voltage drop	<= 3 V (closed state)
Current consumption	13 mA (no-load)
Delay first up	< 100 ms
Delay response	0.5 ms
Delay recovery	0.5 ms
Setting-up	Sensitivity adjustment
Depth	0.79 in (20 mm)
Height	1.69 in (43 mm)
Width	0.43 in (11 mm)
Product weight	0.02 lb(US) (0.01 kg)

Environment

Product certifications	CULus CE CTick
Ambient air temperature for operation	-22...140 °F (-30...60 °C)
Ambient air temperature for storage	-40...158 °F (-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	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

Ordering and shipping details

Category	22415 - SENSORS, PHOTOELECTRIC, BASIC
Discount Schedule	DS2
GTIN	00785901943259
Nbr. of units in pkg.	1
Package weight(Lbs)	0.02
Returnability	N
Country of origin	TH

Offer Sustainability

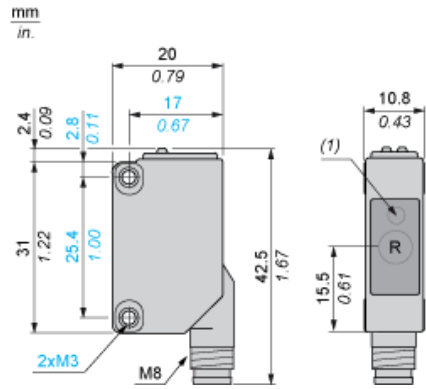|	
RoHS (date code: YYWW)	Compliant - since 1152 - Schneider Electric declaration of conformity ⤢Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

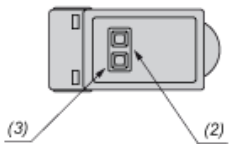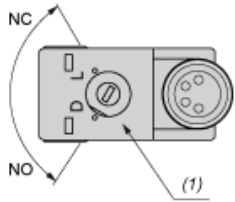Life Is On | Schneider Electric

XUM2APCNM8R

Receiver's Dimensions
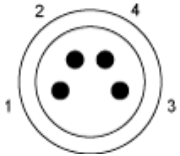

R :   Reception
(1)   Output state LED on front face

Mounting and Clearance

(1) Configuration switch
(2) Output state LED
(3) Stability and power on LED
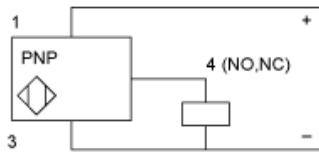
M8 Connector

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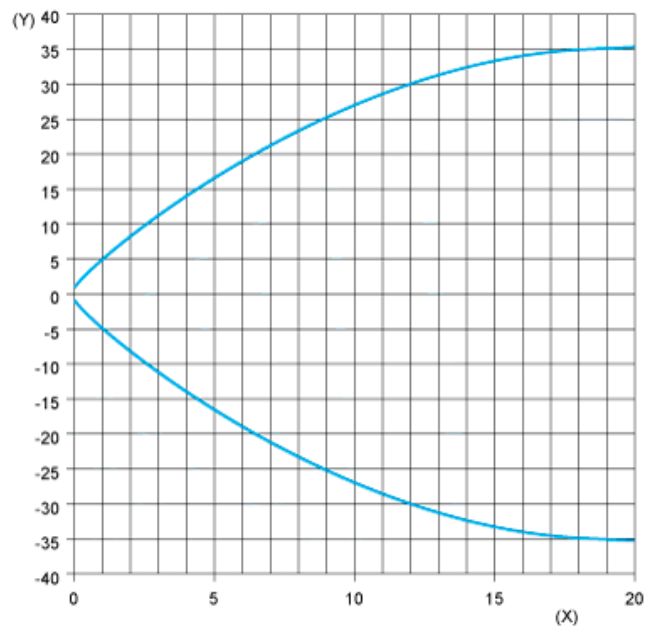3 :   (-)
4 :   OUT/Output

PNP

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Detection Curves

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

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