

# XUM9APCNM8

photo-electric sensor - XUM - polarised - Sn  
5m - 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
Sensor name	XUM
Sensor design	Miniature
Detection system	Polarised reflex
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 polarised reflex
[Sn] nominal sensing distance	16.4 ft (5 m) polarised reflex need reflector XUZC50

## Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) instability 1 LED (orange) output state
[Us] rated supply voltage	12...24 V DC 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	<= 2 V (closed state)
Current consumption	<= 10 mA (no-load)
Delay first up	< 100 ms
Delay response	< 1 ms
Delay recovery	0.5 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	0.79 in (20 mm)
Height	1.3 in (33 mm)
Length	0.43 in (11 mm)
Width	0.43 in (11 mm)
Product weight	0.04 lb(US) (0.02 kg)

## Environment

Product certifications	CE cURus
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Immunity to ambient light	3000 lux with natural light 3000 lux with incandescent light
Vibration resistance	20 gn, amplitude = +/- 1.5 mm (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

## Ordering and shipping details

Category	22415 - SENSORS, PHOTOELECTRIC, BASIC
Discount Schedule	DS2
GTIN	00785901590903
Nbr. of units in pkg.	1
Package weight(Lbs)	2.999999999999999E-2
Returnability	N
Country of origin	TH

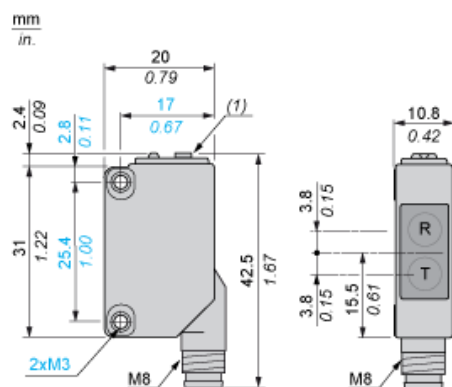
## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1152 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

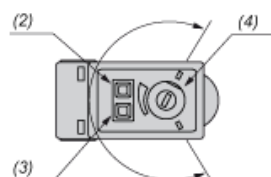
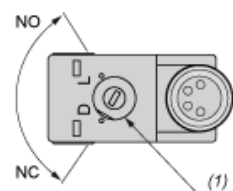
Warranty period	18 months
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Dimensions



R : Reception  
T : Transmission  
(1) Potentiometer

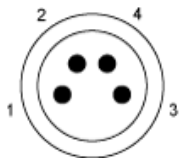
## Mounting and Clearance



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

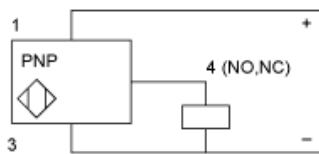
## Connections and Schemes

### M8 Connector

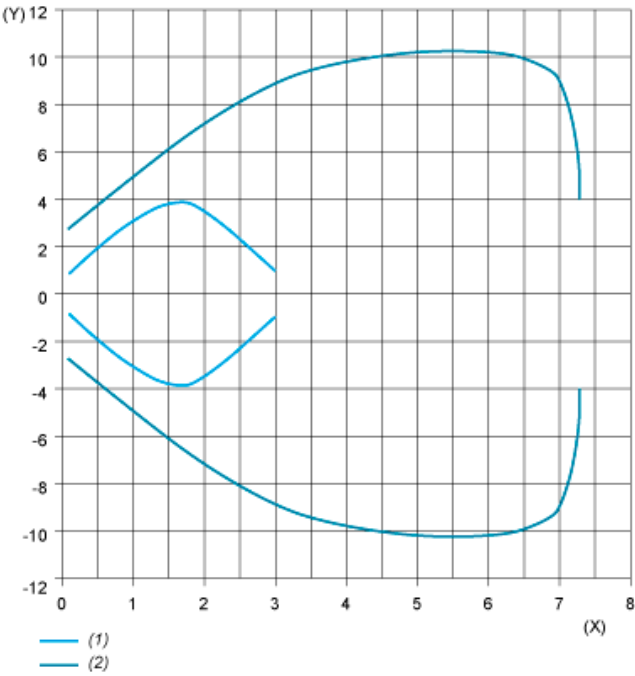


- 1 : (+)
- 3 : (-)
- 4 : OUT/Output

### PNP



Detection Curves



- (1) XUZO8
- (2) XUZO50
- (Y) Parallel movement (cm)
- (X) Distance (m)

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Authorized Distributor

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[XUM9APCNM8](#)