



## 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	CE CTick CULus
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

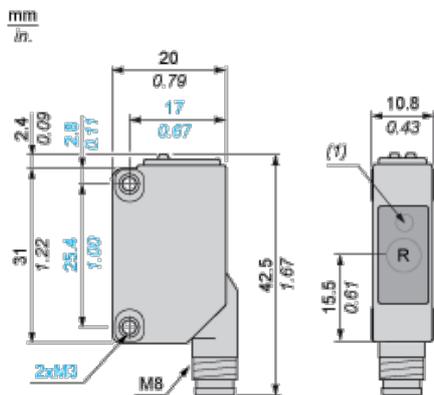
## Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1152 - Schneider Electric declaration of conformity	Compliant - since 1152 - Schneider Electric declaration of conformity
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	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.	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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>	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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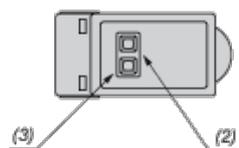
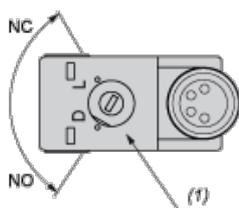
## Receiver's Dimensions



R : Reception

(1) Output state LED on front face

## Mounting and Clearance



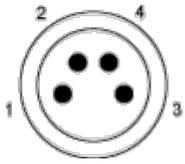
(1) Configuration switch

(2) Output state LED

(3) Stability and power on LED

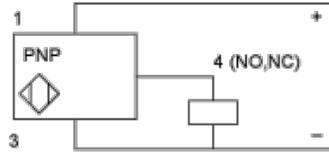
## Connections and Schemes

### M8 Connector

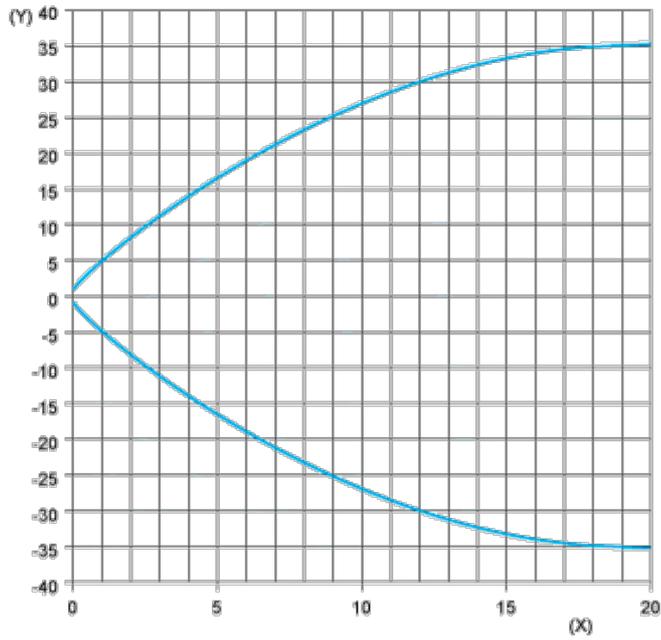


- 1 : (+)
- 3 : (-)
- 4 : OUT/Output

**PNP**



**Detection Curves**



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