



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XU2
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Metal
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	2-wire
Discrete output function	1 NO
Electrical connection	1 male connector 1/2"20 UNF, 3 pins
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	15 M thru beam

## Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	20 M
Output type	Solid state
Add on output	Without
Status LED	1 LED yellow)output state 1 LED red)instability
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC/DC
Maximum residual current	1.5 MA open state
Switching capacity in mA	10...200 mA (to be used with 0.4 A quick-blow fuse in series with the load)
Switching frequency	<= 25 Hz
Maximum voltage drop	<6 V (closed state)
Maximum delay first up	300 Ms
Maximum delay response	20 Ms
Maximum delay recovery	20 Ms
Setting-up	Sensitivity adjustment

Diameter	0.71 In (18 mm)
Length	3.74 In (95 mm)
Net weight	0.34 Lb(US) (0.155 kg)
Kit composition	Transmitter + receiver XU2M18MC230KT + XU2M18MA230KR

## Environment

Product certifications	UL CE CSA
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5.71 Oz (162 g)
Package 1 Height	5.12 In (13 cm)
Package 1 width	3.54 In (9 cm)
Package 1 Length	1.65 In (4.2 cm)
Package 2 Weight	4.40 Lb(US) (1.998 kg)

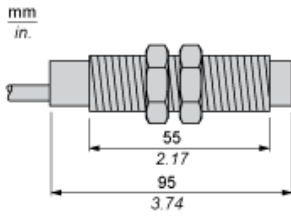
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>

## Contractual warranty

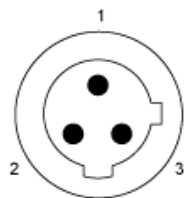
Warranty	18 months
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Dimensions



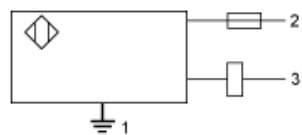
## Wiring Schemes

### Connector

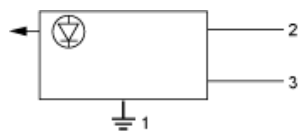


- 1: Grounding
- 2: AC/DC
- 3: AC/DC

### 2-wire AC or DC



### Transmitter

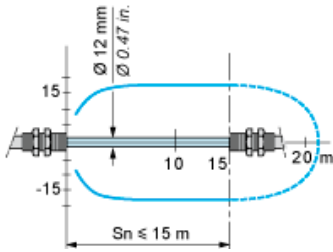


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Detection Curves

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Thru-beam System



Product Life Status :	Commercialised
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