

# XU2M18MC230KT

Photoelectric sensors XU, XU2, emitter,  
24...240VAC/DC, 1/2"



## Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XU2
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Metal
Line of sight type	Axial
Supply circuit type	AC/DC
Wiring technique	2-wire
Electrical connection	1 male connector 1/2"20 UNF, 3 pins
Emission	Infrared thru beam
[Sn] nominal sensing distance	15 m thru beam need a receiver

## Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	20 m
Add on output	Without
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC/DC
Switching capacity in mA	10...200 mA (to be used with 0.4 A quick-blow fuse in series with the load)
Maximum delay first up	300 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	95 mm

## Environment

Product certifications	CE[RETURN]CSA[RETURN]UL
Ambient air temperature for operation	-25...55 °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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	10.5 cm
Package 1 Length	8.5 cm
Package 1 Weight	200.0 g

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: 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. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

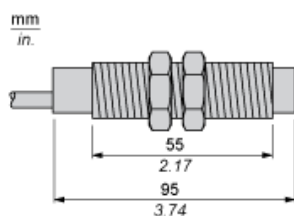
## Contractual warranty

Warranty	18 months
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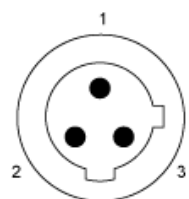
Dimensions

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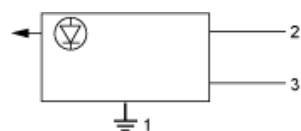
## Wiring Schemes

### Connector



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

### Transmitter



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Detection Curves

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Thru-beam System

