

XU2M18MA230W

Photoelectric sensors XU, XU2, thru beam, 90°, Sn 15 m, 24...240VAC/DC, cab. 2 m



Main

Range of Product	Telemecanique Photoelectric sensors 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	90° lateral
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring Technique	2-wire
Discrete output function	1 NO
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product Specific Application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	49.21 ft (15 m) thru beam

Complementary

Enclosure Material	Nickel Plated Brass
Lens material	PMMA
Maximum sensing distance	65.62 ft (20 m)
Output Type	Solid state
Add on output	Without
Wire insulation material	PvR
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	3.82 in (97 mm)
Net Weight	0.63 lb(US) (0.285 kg)
Kit composition	Transmitter + receiver XU2M18MC230WT + XU2M18MA230WR

Environment

Product Certifications	CSA[RETURN]CE[RETURN]UL
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 double insulation IEC 60529

Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389110895438
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.60 in (6.600 cm)
Package 1 Width	5.20 in (13.200 cm)
Package 1 Length	3.70 in (9.400 cm)
Package 1 Weight	9.07 oz (257.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	7
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	4.59 lb(US) (2.084 kg)

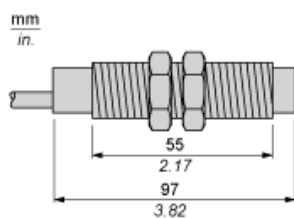
Offer Sustainability

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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

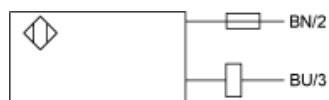
Warranty	18 months
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Dimensions



Wiring Schemes

2-wire AC or DC



BU : Blue
BN : Brown

Transmitter



BU : Blue
BN : Brown

Detection Curves

Thru-beam System

