XU2M18MA230WK

Photoelectric sensors XU, XU2, thru beam, 90°, Sn 15 m, 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
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	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

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) for output state 1 LED (red) for instability
[Us] rated supply voltage	24240 V AC/DC
Supply voltage limits	20264 V AC/DC
Maximum residual current	1.5 mA open state
Switching capacity in mA	10200 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	18 mm
Length	110 mm
Net weight	0.155 kg
Kit composition	Transmitter + receiver XU2M18MC230WKT + XU2M18MA230WKR

Environment

Product certifications	CSA[RETURN]UL[RETURN]CE
Ambient air temperature for operation	-2555 °C
Ambient air temperature for storage	-4070 °C
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 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	4.1 cm	
Package 1 Width	9.4 cm	
Package 1 Length	13.0 cm	
Package 1 Weight	200.0 g	

Offer Sustainability

Green Premium product
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
sustainability@tesensors.com

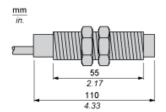
Contractual warranty

Warranty	40 months
Warranty	18 months

Product data sheet Dimensions Drawings

XU2M18MA230WK

Dimensions

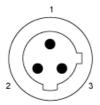


Product data sheet Connections and Schema

XU2M18MA230WK

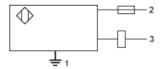
Wiring Schemes

Connector

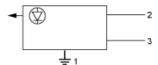


1: Grounding 2: AC/DC 3: AC/DC

2-wire AC or DC



Transmitter



Product data sheet Performance Curves

XU2M18MA230WK

Detection Curves

Thru-beam System

