



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUM
Sensor design	Miniature
Detection system	Thru beam
Material	Plastic
Supply circuit type	DC
Wiring technique	2-wire
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Red thru beam
[Sn] nominal sensing distance	49.21 ft (15 m) thru beam need a receiver

Complementary

Enclosure material	PBT
Lens material	PMMA
Add on input	Test by emission breaking
Wire insulation material	PVC
Status LED	1 LED (orange) supply on
[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	11 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	1.34 in (34 mm)
Width	0.43 in (11 mm)
Product weight	0.14 lb(US) (0.063 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 IP67 conforming to IEC 60529

Offer Sustainability

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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

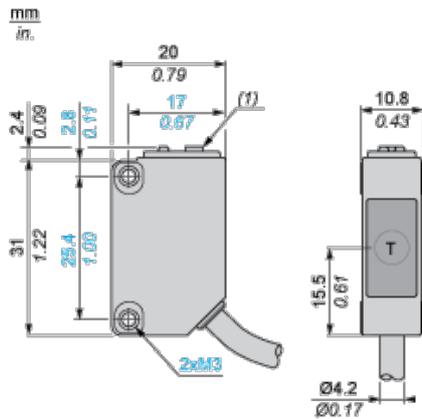
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov For more information go to www.p65warnings.ca.gov

Contractual warranty

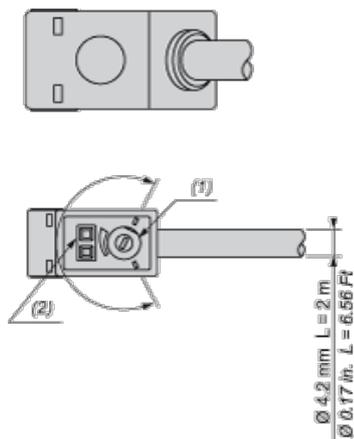
Warranty period 18 months

Transmitter's Dimensions



- T : Transmission
- (1) Potentiometer

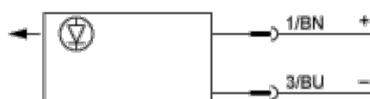
Mounting and Clearance



- (1) Adjustment potentiometer
- (2) Power on LED

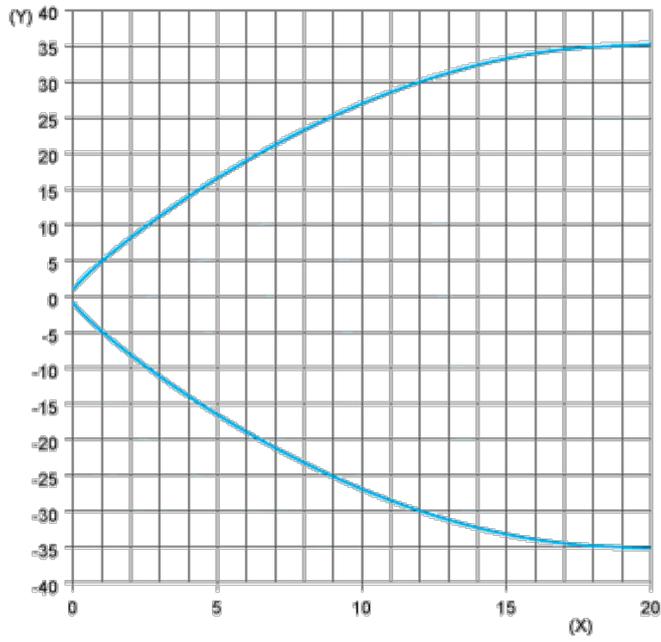
Connections and Schemes

Transmitter DC



BN : Brown

Detection Curves



(Y) Parallel movement (cm)

(X) Distance (m)

Mouser Electronics

Authorized Distributor

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[XUM2AKCNL2T](#)