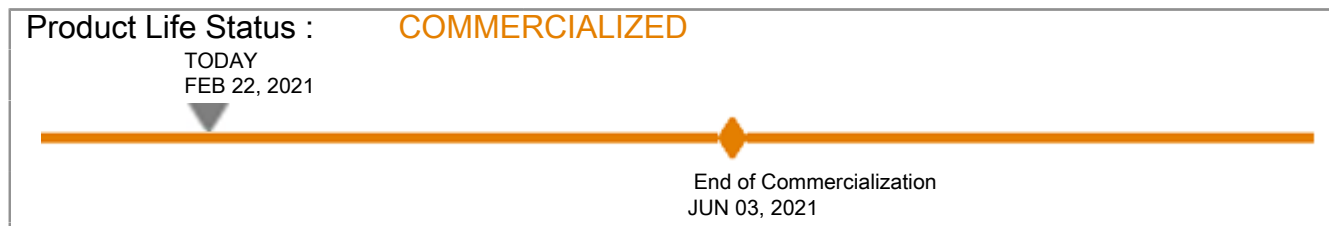


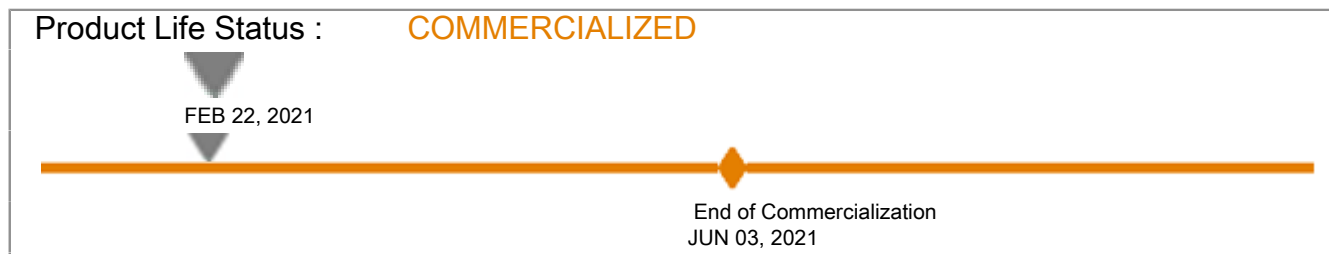
# XUM2AKCNL2T

photo-electric sensor - XUM - emitter -  
12..24VDC - cable 2m



## 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	2 m
Product specific application	-
Emission	Red thru beam
[Sn] nominal sensing distance	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) for 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
Maximum voltage drop	<3 V (closed state)
Current consumption	11 mA no-load
Maximum delay first up	100 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity adjustment
Depth	20 mm

Height	34 mm
Width	11 mm
Net weight	0.063 kg




## Environment

Product certifications	CTick CE CULus
Ambient air temperature for operation	-30...60 °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 IP65 conforming to IEC 60529

## Packing Units

Package 1 Weight	0.056 kg
Package 1 Height	0.150 dm
Package 1 width	1.500 dm
Package 1 Length	1.500 dm

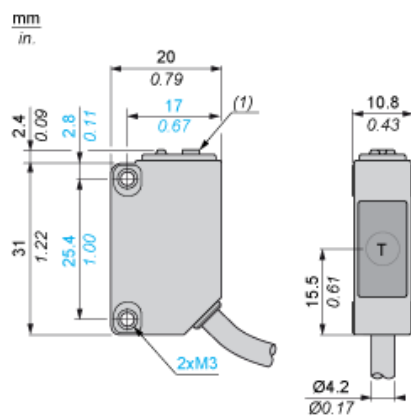
## Offer Sustainability

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>

## Contractual warranty

Warranty	18 months
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### Transmitter's Dimensions

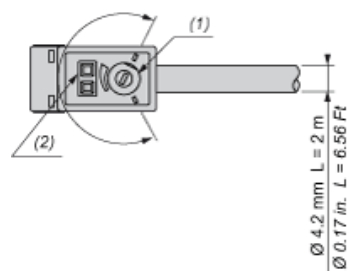


T : Transmission  
(1) Potentiometer

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Mounting and Clearance

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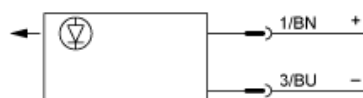
- (1) Adjustment potentiometer
- (2) Power on LED

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## Connections and Schemes

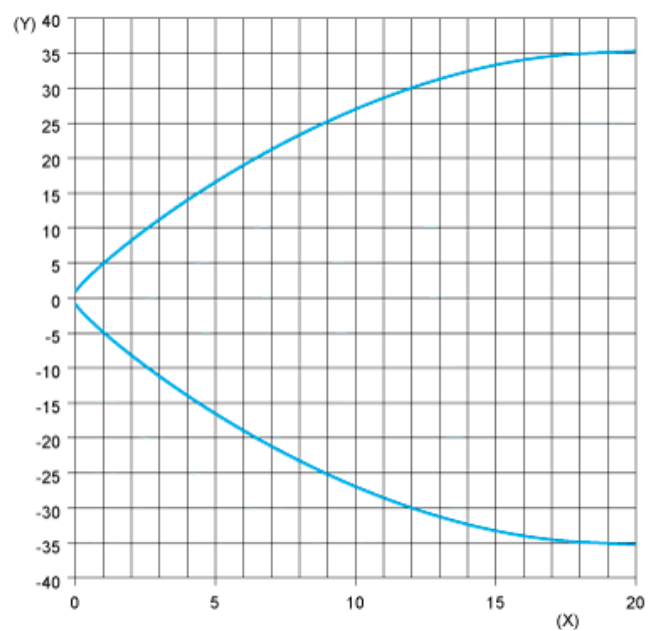
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### Transmitter DC



BN : Brown  
BU : Blue

## Detection Curves



(Y) Parallel movement (cm)

(X) Distance (m)