

Product data sheet

XUM0AKSAL2T

Photoelectric miniature emitter XUM, thru-beam, Sn 10 m, 12...24 VDC, cable 2 m

Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose multimode
Sensor name	XUM
Electronic sensor type	Photo-electric sensor transmitter
Sensor design	Miniature
Product specific application	Not applicable
ETIM classification	ETIM 9 - EC002716 - Through beam photoelectric sensor
Material	Plastic
Lens material	PMMA
Enclosure material	PBT
[Sn] nominal sensing distance	10-10 m thru beam need a receiver
Maximum sensing distance	14 m thru beam
Wiring technique	3-wire
Detection system	Thru beam
Delay response	2 ms
Indivisible sale quantity	1

Complementary

Sensing range	> 5...15 m
Electrical connection	Cable
Cable length	2 m
Supply voltage limits	10-36 V DC
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply circuit type	DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Maximum voltage drop	<1.5 V (closed state)
Current consumption	20 mA no-load
Emission	Infrared thru beam
Setting-up	Self teaching

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Switching frequency	250 Hz
Status LED	1 LED (green) for supply on
Delay first up	100 ms
Delay recovery	2 ms
Height	34 mm
Width	12 mm
Depth	20 mm
Product weight	0.05 kg

Environment

IP degree of protection	IP65 double insulation conforming to IEC 60529, IP67 double insulation conforming to IEC 60529
Ambient air temperature for storage	-40...70 °C
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10-55 Hz) conforming to IEC 60068-2-6

Offer Sustainability

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

Warranty

Warranty	18 months

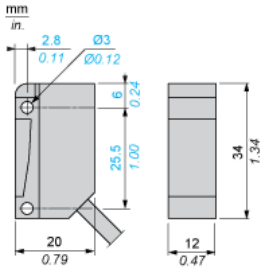
Packing Units

Country of origin	ID (Indonesia)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916033562
Package 1 height	4.2 cm
Package 1 width	9.7 cm
Package 1 length	13.2 cm
Package 1 weight	0.05 kg
Unit type of package 2	S02
Number of units in package 2	22
New Package 2 GTIN 14	13666916033569
Package 2 height	30 cm
Package 2 width	15 cm
Package 2 length	40 cm
Package 2 weight	2.523 kg
Unit type of package 3	CAR

Number of units in package 3	1
New Package 3 GTIN 14	23666916033566
Package 3 height	4.2 cm
Package 3 width	9.7 cm
Package 3 length	13.2 cm
Package 3 weight	0.094 kg

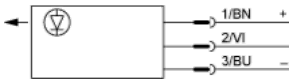
Technical Drawings

Dimensions



Wiring Schemes

Thru-beam Function Transmitter



- BN : Brown
- BU : Blue
- VI : Violet

Input 2/VI:
- not connected: beam made
- connected to -: beam broken

Detection Curves

With Thru-beam Accessory (Thru-beam)

