Product data sheet

Specifications



Photoelectric sensors XU, XUB, emitter, 12...24 VDC, M12

XUB0SKSNM12T

Product availability : Stock - Normally stocked in distribution facility

Price* : 93.00 USD

Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	Application food and beverage mutlimode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Thru beam
Material	Stainless steel
Line of sight type	Axial
Type of output signal	Discrete
Supply circuit type	DC
Wiring Technique	3-wire
Electrical connection	1 male connector M12, 4 pins
Product Specific Application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	65.62 ft (20 m) thru beam need a receiver

Complementary

Enclosure Material	Stainless steel : 304 CU
Lens material	PMMA
Maximum sensing distance	98.43 ft (30 m) thru beam
Output Type	Solid state
Add on input	Test by emission breaking
Status LED	1 LED green)supply on
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10…36 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 250 Hz
Maximum voltage drop	<1.5 V closed state)

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Current consumption	20 mA no-load
Maximum delay first up	200 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Without sensitivity adjustment
Diameter	0.71 in (18 mm)
Length	2.99 in (76 mm)
Net Weight	0.12 lb(US) (0.055 kg)

Environment

Product Certifications	CE UL CSA
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	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529 IP69K double insulation DIN 40050

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389119010320
Nbr. of units in pkg.	1
Package weight(Lbs)	2.26 oz (64.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	2.60 in (6.6 cm)
Package 1 Length	3.78 in (9.6 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	22
Package 2 Weight	3.60 lb(US) (1.633 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

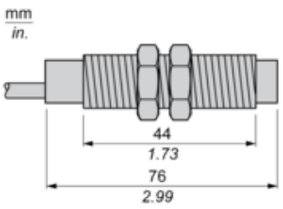
Contractual warranty

Warranty	18 months

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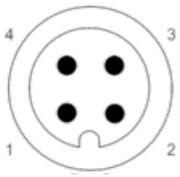
Dimensions Drawings

Dimensions



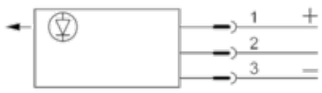
Wiring Schemes

M12 Connector



3 : (-)
1 : (+)
4 : OUT/Output
2 : Beam break input

Thru-beam Accessory



Input 2 :- not connected: beam made
Input 2 :- connected to –: beam broken

Detection Curves

Thru-beam Accessory

