XUK0AKSAL2T

Photoelectric sensors XU, XUK, emitter, 12...24 VDC, cable 2 m





Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose multimode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Thru beam
Material	Plastic
Supply circuit type	DC
Wiring Technique	3-wire
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product Specific Application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	98.43 ft (30 m) thru beam need a receiver

Complementary

Enclosure Material	РВТ
Lens material	РММА
Maximum sensing distance	114.83 ft (35 m) thru beam
Add on input	Test by emission breaking
Wire insulation material	PvR
Status LED	1 LED green)supply on
[Us] rated supply voltage	1224 V DC reverse polarity protection
Supply voltage limits	1036 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)
Current consumption	20 mA no-load
Maximum delay first up	300 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Without sensitivity adjustment
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.71 in (18 mm)

Environment

Product Certifications	CSA UL CE	
Ambient Air Temperature for Operation	-13131 °F (-2555 °C)	
Ambient Air Temperature for Storage	-40158 °F (-4070 °C)	
Vibration resistance	7 gn +/- 1.5 mm 1055 Hz) IEC 60068-2-6	
Shock resistance	30 gn 11 ms) IEC 60068-2-27	
IP degree of protection	IP65 double insulation IEC 60529	

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389110160390
Nbr. of units in pkg.	1
Package weight(Lbs)	5.89 oz (167.0 g)
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.12 in (13 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	1.65 in (4.2 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	8.54 lb(US) (3.872 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

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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) EVEU RoHS Declaration
Mercury free	Yes
RoHS exemption information	€Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	☑ End Of Life Information

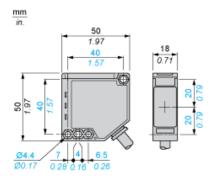
Contractual warranty

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Warranty	18 months	

Product data sheet Dimensions Drawings

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Dimensions

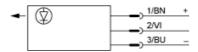


Product data sheet Connections and Schema

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Wiring Schemes

Thru-beam Transmitter DC



(+) Brown BN: (-) Blue BU: VI: Violet Input 2/VI:

not connected: beam madeconnected to -: beam broken

Product data sheet Performance Curves

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Detection Curves

With Thru-beam Accessory (Thru-beam)

