Product data sheet Characteristics

XUK1ANBNL2

photo-electric sensor - XUK - reflex - Sn 7m - 12..24VDC - cable 2m





Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	22.97 ft (7 m) reflex need reflector XUZC50

Complementary

Complementary		
Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	32.81 ft (10 m) reflex	
Output type	Solid state	
Wire insulation material	PVC	
Status LED	1 LED yellow)output state	
[Us] rated supply voltage	1224 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	<= 35 mA no-load	
Maximum delay first up	15 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)	
Maximum Width	0.71 in (18 mm)	
Net Weight	0.15 lb(US) (0.07 kg)	

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	21571 - SENSORS, ELECTRONIC BASIC XU & XS	
Discount Schedule	DS2	
GTIN	03389110160789	
Nbr. of units in pkg.	1	
Package weight(Lbs)	1 lb(US) (0.45 kg)	
Returnability	No	
Country of origin	ID	

Packing Units

Package 1 Height	0.420 dm
Package 1 width	0.970 dm
Package 1 Length	1.320 dm

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

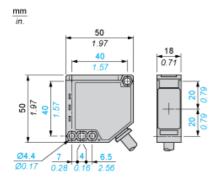
Contractual warranty

Warranty	18 months
Trananty	To Monard

Product data sheet Dimensions Drawings

XUK1ANBNL2

Dimensions

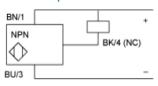


Product data sheet Connections and Schema

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Wiring Schemes

NPN Outputs

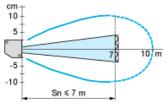


BN: Brown BU: Blue BK: Black

Product data sheet Performance Curves

XUK1ANBNL2

Detection Curves



With reflector XUZC50