XUK1ARCNL2

photo-electric sensor - XUK - reflex - Sn 7m - 24..240VAC/DC - cable 2m

Green Premium™ Product

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	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
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

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	32.81 ft (10 m) reflex
Output type	Relay
Add on input	Breaking test
Cable composition	5 x 0.34 mm²
Wire insulation material	PVC
Cable outer diameter	0.24 in (6 mm)
Status LED	1 LED yellow)output state 1 LED green)supply
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20…264 V AC
Switching capacity in mA	3 A cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V
Switching frequency	<= 20 Hz
Current consumption	<= 35 mA no-load
Maximum power consumption in W	2 W AC
Maximum delay first up	60 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Setting-up	Without sensitivity adjustment
Electrical durability	500000 cycles 1 60 cyc/mn 250 V
Maximum Depth	1.97 in (50 mm)
Maximum Height	1.97 in (50 mm)
Maximum Width	0.71 in (18 mm)
Net Weight	0.08 lb(US) (0.035 kg)

Environment

Product certifications	Ecolab CE
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

Ordering and shipping details

Category	21571 - SENSORS, ELECTRONIC BASIC XU & XS
Discount Schedule	DS2
GTIN	00785901405962
Nbr. of units in pkg.	1
Package weight(Lbs)	0.41 lb(US) (0.19 kg)
Returnability	Yes
Country of origin	ID

Packing Units

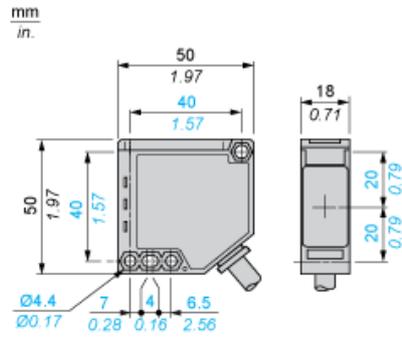|	
Package 1 Height	0.420 dm
Package 1 width	0.960 dm
Package 1 Length	1.320 dm

Offer Sustainability

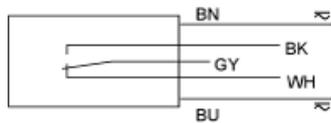|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
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

mm
in.

50
1.97

40
1.57

18
0.71

50
1.97

40
1.57

20
0.79

20
0.79

Ø4.4
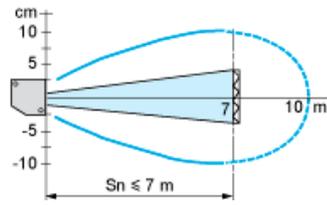Ø0.17

7
0.28

4
0.16

6.5
2.56

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Wiring Schemes

Relay Output

BN : Brown
BU : Blue
NO/ Black
BK :
RelayGrey
common/
GY :
NC/ White
WH :

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Detection Curves

With reflector XUZC50