

XUK1ARCNL2H60

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



Main

Range of product	OsiSense XU
Series name	Application tertiary sector
Electronic sensor type	Photo-electric sensor
Product specific application	Access detection
Sensor name	XUK
Sensor design	Compact 50 x 50
Additional information	French/english leaflet
Material	Plastic
Detection system	Reflex
Emission	Infrared reflex
[Sn] nominal sensing distance	7 m with 50 x 50 mm reflector
Wiring technique	5-wire
Cable length	2 m

Complementary

Kit composition	50 x 50 mm reflector Fixing bracket Mounting instructions Reflex system photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Type of output signal	Discrete
Output type	Relay
Discrete output type	1 C/O
Output function governance	Light
Electrical connection	Cable
Wire insulation material	PVC
Status LED	1 LED for output state
Supply circuit type	AC/DC
[Us] rated supply voltage	24...240 V AC/DC with reverse polarity protection
Supply voltage limits	20...264 V AC/DC
Output voltage	250 V AC
Switching capacity in mA	3 A
Switching frequency	< 20 Hz
Power consumption in W	2 W
Delay first up	<= 60 ms
Delay response	<= 25 ms
Delay recovery	<= 25 ms
Product weight	0.3 kg

Environment

product certifications	CE CSA UL
ambient air temperature for operation	-25...55 °C
ambient air temperature for storage	-40...70 °C
vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27

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Offer Sustainability

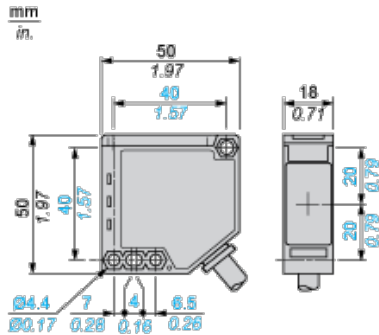
Sustainable offer status

Not Green Premium product

RoHS (date code: YYWW)

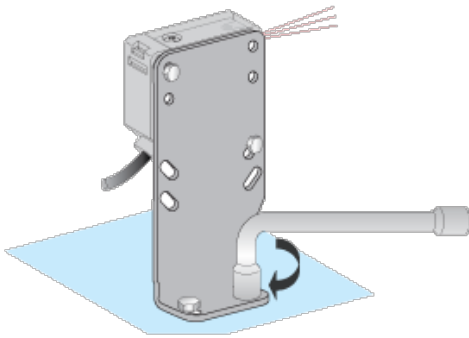
Compliant - since 0927 - Schneider Electric declaration of conformity

Dimensions

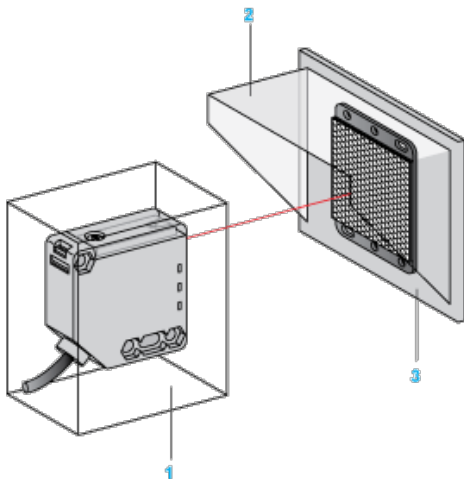


Mounting Precautions

Rigid Fixing for Trouble Free Detection



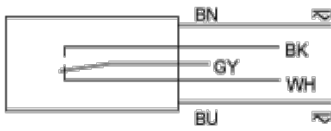
Outdoor Mounting under Protective Cover



- (1) Protective housing
- (2) Lens hood
- (3) Thermal insulator to avoid frost or condensation forming on the optical parts

Wiring Schemes

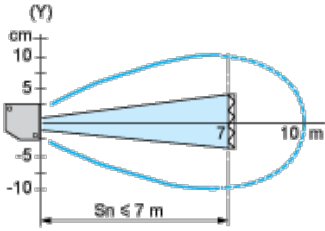
5-Wire AC or DC



BN : Brown
 WH :White
 BU : Blue
 BK : Black
 GY : Grey

Detection Curves

Reflex System AC or DC

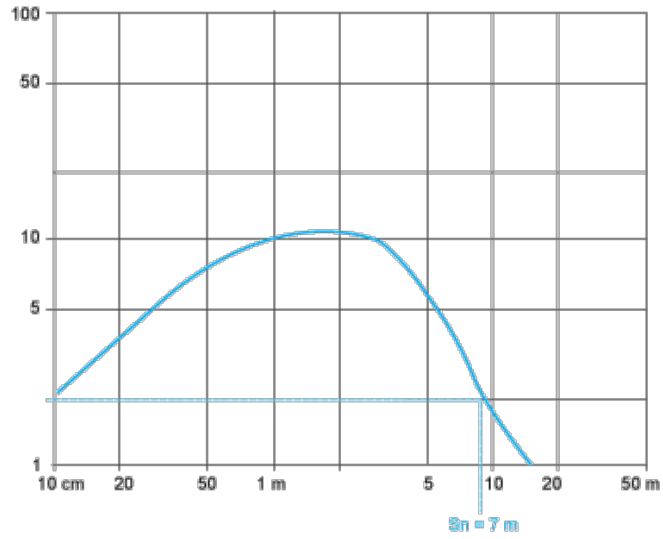


(y) \varnothing of beam (cm)

Detection Curves

Reflex System AC or DC

With reflector XUZC50



(y) Gain