



Main

Range of product	Telemecanique Photoelectric sensors 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/german 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	Reflex system photo-electric sensor 50 x 50 mm reflector Mounting instructions Fixing bracket
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	Output state: 1 LED
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
Maximum power consumption in W	2 W
Maximum delay first up	60 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Net weight	0.3 kg

Environment

Product certifications	CE[RETURN]CSA[RETURN]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
IP degree of protection	IP65 conforming to IEC 60529 (double insulation)

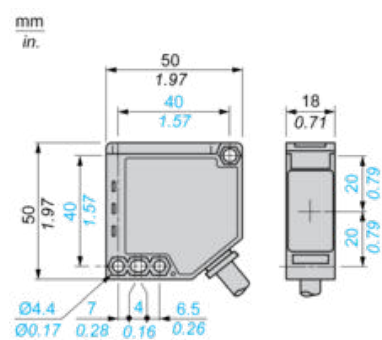
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	17.000 cm
Package 1 Length	20.000 cm
Package 1 Weight	366.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	3.359 kg
Unit Type of Package 3	P12
Number of Units in Package 3	64
Package 3 Height	45.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	38.872 kg

Offer Sustainability

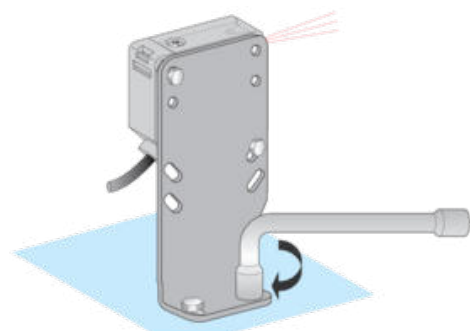
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, 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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Dimensions

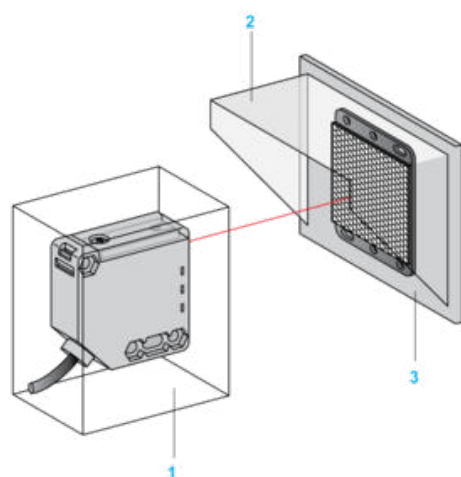


Mounting Precautions

Rigid Fixing for Trouble Free Detection



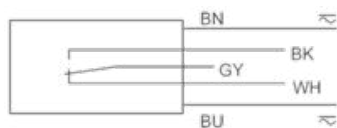
Outdoor Mounting under Protective Cover



- (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

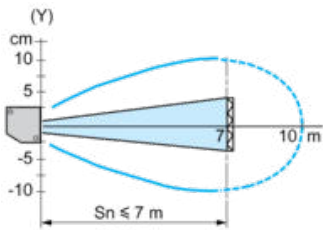
BU : Blue

BK : Black

GY : Grey

Detection Curves

Reflex System AC or DC

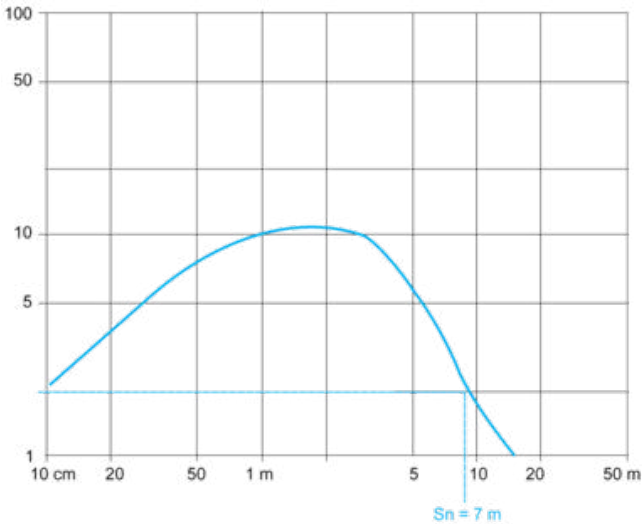


(y) Ø of beam (cm)

Detection Curves

Reflex System AC or DC

With reflector XUZY50



(y) Gain