



Main

Range of Product	Telemecanique Photoelectric sensors 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	6.6 ft (2 m)
Product Specific Application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	23.0 ft (7 m) reflex need reflector XUZC50

Complementary

Enclosure Material	PBT
Lens material	PMMA
Maximum sensing distance	32.8 ft (10 m) reflex
Output Type	Relay
Add on input	Breaking test
Cable composition	5 x 0.34 mm ²
Wire insulation material	PVC
Cable outer diameter	0.2 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	\leq 20 Hz
Current consumption	\leq 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
Depth	2.0 in (50 mm)
Height	2.0 in (50 mm)
Width	0.7 in (18 mm)
Net Weight	0.077 lb(US) (0.035 kg)

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Environment

Product Certifications	Ecolab[RETURN]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	US10DS221571
Discount Schedule	0DS2
GTIN	3389110161076
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.65 in (4.2 cm)
Package 1 Width	5.20 in (13.2 cm)
Package 1 Length	3.78 in (9.6 cm)
Package 1 Weight	6.5 oz (185.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	10.232 lb(US) (4.641 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	352
Package 3 Height	30.31 in (77.0 cm)
Package 3 Width	23.62 in (60.0 cm)
Package 3 Length	31.50 in (80.0 cm)
Package 3 Weight	178.4 lb(US) (80.9 kg)

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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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