



## 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	DC
Wiring Technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO
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	Solid state
Wire insulation material	PVC
Status LED	1 LED yellow)output state
[Us] rated supply voltage	12...24 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	2.0 in (50 mm)
Height	2.0 in (50 mm)
Width	0.7 in (18 mm)
Net Weight	0.15 lb(US) (0.07 kg)

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## Environment

Product Certifications	CE[RETURN]UL[RETURN]CSA
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	3389110161014
Returnability	No
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	3.86 in (9.8 cm)
Package 1 Length	5.28 in (13.4 cm)
Package 1 Weight	5.9 oz (167.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	8.924 lb(US) (4.048 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	352
Package 3 Height	29.53 in (75 cm)
Package 3 Width	15.75 in (40 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	184.712 lb(US) (83.784 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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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