



Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUJ
Sensor design	Compact
Detection system	Diffuse
Material	Plastic
Line of sight type	Axial
Type of output signal	Analogue
Supply circuit type	DC
Wiring Technique	3-wire
Discrete output type	PNP
Analogue output range	4...20 mA
Electrical connection	Screw-clamp terminals
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.66...2.62 ft (0.2...0.8 m) diffuse

Complementary

Enclosure Material	PEI
Lens material	PMMA
Maximum sensing distance	2.62 ft (0.8 m)
Output Type	Solid state
Add on output	With analogue output
Wire insulation material	PVC
Status LED	1 LED yellow)output state
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	20...30 V DC
Output voltage	0...10 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

Environment

Product Certifications	CSA UL 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	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	03389119085069
Package weight(Lbs)	7.68 oz (217.724 g)
Returnability	No
Country of origin	US

Offer Sustainability

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	Not applicable, out of EU RoHS legal scope

Contractual warranty

Warranty	18 months
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