



Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUL
Sensor design	Compact
Detection system	Polarised 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 or 1 NC programmable
Electrical connection	Cable
Cable length	16.40 ft (5 m)
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	13.12 ft (4 m) polarised reflex need reflector XUZC80

Complementary

Enclosure Material	ABS
Lens material	PMMA
Maximum sensing distance	26.25 ft (8 m) with reflector Ø 80 mm
Output type	Solid state
Output function governance	Light or dark programmable
Add on output	Without
Cable composition	4 x 0.34 mm ²
Wire insulation material	PVC
Cable outer diameter	0.24 in (6 mm)
Status LED	1 LED Output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 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	1.38 in (35 mm)
Height	2.76 in (70 mm)
Width	0.71 in (18 mm)
Net Weight	0.43 lb(US) (0.195 kg)
Kit composition	Sensor Bracket XULZ41

Environment

Product certifications	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 +/- 2 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	20 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 IEC 60529 IP671 NF C 20-010

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389110699401
Nbr. of units in pkg.	1
Package weight(Lbs)	12.31 oz (349 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.15 in (8 cm)
Package 1 width	5.91 in (15 cm)
Package 1 Length	3.15 in (8 cm)

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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[XULH043539L05](#)