



Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Polarised 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	Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor
Product Specific Application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	36.09 ft (11 m) polarised reflex need reflector XUZC50

Complementary

Enclosure Material	PBT
Lens material	PMMA
Maximum sensing distance	49.2 ft (15 m) polarised reflex
Output Type	Relay
Cable entry	1 entry for M16 x 1.5 cable gland 0.3...0.4 in (7...10 mm)
Status LED	1 LED yellow)output state 1 LED red)instability 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 0.5 A cos φ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	<= 20 Hz
Maximum voltage drop	<1.5 V closed state)
Current consumption	<= 35 mA no-load
Maximum power consumption in W	2 W AC/DC
Maximum delay first up	60 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Setting-up	Sensitivity adjustment
Electrical durability	500000 Cycles 1 60 cyc/mn 250 V 500000 cycles 0.4 60 cyc/mn 250 V
Depth	3.03 in (77 mm)
Height	3.6 in (92 mm)
Width	1.2 in (31 mm)
Net Weight	0.4 lb(US) (0.2 kg)

Environment

Product Certifications	UL[RETURN]CSA[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	IP67 double insulation IEC 60529 IP65 double insulation IEC 60529


Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389110171532
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.73 in (4.400 cm)
Package 1 Width	3.86 in (9.800 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	6.914 oz (196.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	10.745 lb(US) (4.874 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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