

Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose multimode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Thru beam
Material	Plastic
Supply circuit type	AC/DC
Wiring Technique	3-wire
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor
Product Specific Application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	131.2 ft (40 m) thru beam need a receiver

Complementary

Enclosure Material	PBT
Lens material	PMMA
Maximum sensing distance	196.9 ft (60 m) thru beam
Add on input	Test by emission breaking
Cable entry	1 entry for M16 x 1.5 cable gland 0.3...0.4 in (7...10 mm)
Status LED	1 LED green)supply on
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC/DC
Switching capacity in mA	0.5 A cos ϕ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) 3 A cos ϕ = 1 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	20 mA no-load
Time delay range	0.02...15 s monostable, on-delay or off-delay (programmable)
Maximum delay first up	200 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Setting-up	Without sensitivity adjustment
Electrical durability	500000 Cycles 0.4 500 cyc/mn 500000 cycles 1 3000 cyc/mn
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	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529


Ordering and shipping details

Category	US10DS222481
Discount Schedule	0DS2
GTIN	3389110168327
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.57 in (4.000 cm)
Package 1 Width	3.74 in (9.500 cm)
Package 1 Length	5.12 in (13.000 cm)
Package 1 Weight	6.490 oz (184.000 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	9.628 lb(US) (4.367 kg)

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	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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