



Main

Range of product	OsiSense 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	131.23 ft (40 m) thru beam need a receiver

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	196.85 ft (60 m) thru beam
Add on input	Test by emission breaking
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 0.28...0.39 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
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) delay
Delay first up	< 200 ms
Delay response	< 25 ms
Delay recovery	< 25 ms
Setting-up	Without sensitivity adjustment
Electrical durability	500000 cycles, $\cos \phi = 0.4$, 500 cyc/mn 500000 cycles, $\cos \phi = 1$, 3000 cyc/mn
Depth	3.03 in (77 mm)
Height	3.62 in (92 mm)
Width	1.22 in (31 mm)
Product weight	0.44 lb(US) (0.2 kg)

Environment

Product certifications	CE CSA UL
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, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901501268
Nbr. of units in pkg.	1
Package weight(Lbs)	0.39000000000000001
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0914 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Contractual warranty

Warranty period	18 months
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