



Main

Range of product	OsiSense 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	AC/DC
Wiring technique	2-wire
Discrete output function	1 NC
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	4 m polarised reflex need reflector XUZC80

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	8 m with reflector Ø 80 mm
Output type	Solid state
Output function governance	Light
Add on output	Without
Cable composition	2 x 0.34 mm ²
Wire insulation material	PVC
Cable outer diameter	6 mm
Status LED	1 LED for output state
[Us] rated supply voltage	24..240 V AC/DC
Supply voltage limits	20...264 V AC/DC

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Maximum residual current	1.5 mA open state AC/DC
Switching capacity in mA	<= 3000 mA (inrush mode, to be used with 0.63 A quick-blow fuse in series with the load) >= 5 mA (sealed mode, to be used with 0.63 A quick-blow fuse in series with the load)
Switching frequency	<= 20 Hz
Maximum voltage drop	<10 V (closed state)(I = 5 mA) <3 V (closed state)(I = 0.1...0.5 A) <5.5 V (closed state)(I = 10 mA)
Maximum delay first up	300 ms
Maximum delay response	20 ms
Maximum delay recovery	20 ms
Setting-up	Without sensitivity adjustment
Depth	35 mm
Height	70 mm
Width	18 mm
Product weight	0.195 kg
Kit composition	Bracket XULZ41 Sensor

Environment

Product certifications	CSA UR
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C
Vibration resistance	7 gn, amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 IP651 conforming to NF C 20-010

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
-------------------	--

Contractual warranty

Warranty	18 months
----------	-----------