



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	Diffuse
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	2-wire
Discrete output function	1 NO
Electrical connection	1 male connector 1/2"20 UNF, 3 pins
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	0.7 m diffuse

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	0.9 m
Output type	Solid state
Output function governance	Dark
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
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	0.135 kg
Kit composition	Bracket XULZ41 Sensor

Environment

Product certifications	CE
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
----------	-----------