



### 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	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 NC
Electrical connection	Cable
Cable length	5 m
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	6 m reflex need reflector XUZC80

### Complementary

Enclosure material	ABS
Lens material	PMMA
Maximum sensing distance	9 m with reflector Ø 80 mm
Output type	Relay
Add on output	Without
Cable composition	5 x 0.34 mm <sup>2</sup>
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
Output voltage	<= 250 V
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)

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

Switching frequency	<= 20 Hz
Current consumption	<= 40 mA (no-load)
Delay first up	<= 60 ms
Delay response	<= 25 ms
Delay recovery	<= 25 ms
Setting-up	Without sensitivity adjustment
Electrical durability	500000 cycles, cos f = 0.4, 60 cyc/mn at 250 V 500000 cycles, cos f = 1, 60 cyc/mn at 250 V
Depth	45 mm
Height	70 mm
Width	18 mm
Kit composition	Sensor Bracket XULZ41

## Environment

Product certifications	CE
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °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	IP671 conforming to NF C 20-010 IP67 conforming to IEC 60529

## Offer Sustainability

RoHS (date code: YYWW)	Will be compliant <a href="#">Will be compliant</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Available <a href="#">End of Life Information</a>

## Contractual warranty

Warranty period	18 months
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