



Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
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	2 m
Emission	Red 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 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
Output voltage	<= 250 V
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
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, switching capacity: 2000 mA, cos f = 1, 60 cyc/mn at 250 V 500000 cycles, switching capacity: 500 mA, cos f = 0.4, 60 cyc/mn at 250 V
Depth	45 mm
Height	70 mm
Width	18 mm

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


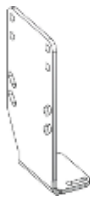
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1136 - 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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XULM06031R is replaced by the following group of products:

	<p>General purpose XUK1ARCNL2</p> <p>photo-electric sensor - XUK - reflex - Sn 7m - 24..240VAC/DC - cable 2m</p> <p>Qty 1</p>
	<p>General purpose XUZASK003</p> <p>accessory for sensor - XUK - fixing bracket - metal - for XUL substitution</p> <p>Qty 1</p>

Reason for Substitution: End of life | Substitution date: 01 January 2016