

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	2 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 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)

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
Product weight	0.195 kg
Kit composition	Sensor Bracket XULZ41

Environment

Product certifications	CSA UR
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

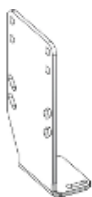
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0935 - 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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XULM06031 may be replaced by any of the following products:



General purpose XUZASK003

accessory for sensor - XUK - fixing bracket - metal - for XUL substitution

Qty 1

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



General purpose XUK1ARCNL2

photo-electric sensor - XUK - reflex - Sn 7m - 24..240VAC/DC - cable 2m

Qty 1

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