



Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP or NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	2 m
Product specific application	Detection of transparent object
Emission	Red reflex
[Sn] nominal sensing distance	1.5 m reflex need reflector XUZC50

Complementary

Enclosure material	PC
Lens material	PMMA
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	12...24 V DC reverse polarity protection
Supply voltage limits	10...30 V AC/DC
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	<= 1.5 kHz
Voltage drop	<= 2 V (closed state)
Current consumption	<= 35 mA (no-load)
Time delay range	0.1...5 s monostable, on-delay or off-delay (programmable) delay
Delay first up	<= 80 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.3 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	50 mm
Height	50 mm
Width	18 mm
Product weight	0.035 kg
Kit composition	Sensor Bracket XULZ41

Environment

Product certifications	CSA CE UL
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	IP651 conforming to NF C 20-010 IP65 conforming to IEC 60529

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0841 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months
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