

## Main

Commercial Status	Commercialised
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	1 male connector M12 adjustable 2 positions, 4 pins
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	Light or dark programmable
Add on output	With alarm output
Status LED	1 LED (yellow) for output state 1 LED (red) for operation
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
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	Self-teaching
Depth	18 mm
Height	50 mm
Width	50 mm
Product weight	0.12 kg
Kit composition	Sensor Reflector XUZC50

## Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...70 °C
Vibration resistance	7 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529

## RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0841

## Contractual warranty

Period	18 months
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