



## Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	4-wire
Discrete output function	1 C/O
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	11 m polarised reflex need reflector XUZC50

## Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	15 m polarised reflex
Output type	Relay
Status LED	1 LED (green) for supply 1 LED (red) for instability 1 LED (yellow) for output state
[Us] rated supply voltage	24...110 V AC/DC
Switching capacity in mA	0.5 A ( $\cos \varphi = 0.4$ for 0.5 million cycles at 1 operating cycle per second at 150 V) 3 A ( $\cos \varphi = 1$ for 0.5 million cycles at 1 operating cycle per second at 150 V)
Switching frequency	$\leq 20$ Hz
Voltage drop	$\leq 1.5$ V (closed state)
Power consumption in W	2 W AC/DC
Delay first up	$< 60$ ms
Delay response	$< 25$ ms
Delay recovery	$< 25$ ms
Setting-up	Sensitivity adjustment
Electrical durability	500000 cycles, $\cos f = 1$ , 60 cyc/mn at 150 V 500000 cycles, $\cos f = 0.4$ , 60 cyc/mn at 150 V
Depth	77 mm
Height	92 mm
Width	31 mm

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## 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 = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0914 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Available <a href="#">Download End Of Life Manual</a>