

XUX1ARCNT16

photoelectric sensor - reflex - Sn 14 m - NC +
NO - Pg 16



Main

Range of product	OsiSense XU
Series name	Optimum
Specific application of photoelectric detector	Object
Sensor name	XUX
Sensor design	Compact
Material	Plastic
Detection system	Reflex
Emission	Infrared reflex
[Sn] nominal sensing distance	14 m reflex
Wiring technique	5 wires
Type of output signal	Discrete
Discrete output function	1 NO + 1 NC
Add on output	Without
Electrical connection	Screw-clamp terminals 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor
[Us] rated supply voltage	24...240 V AC/DC
Switching capacity in mA	0,5 A cos ϕ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V 3 A cos ϕ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	20 m reflex
Output type	Relay
Cable entry	1 entry for M16 x 1.5 cable gland 7...10 mm
Status LED	1 LED yellow output state 1 LED green supply
Supply circuit type	AC/DC
Supply voltage limits	20...264 V AC/DC
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 1 3000 cyc/mn relay 500000 cycles 0,4 500 cyc/mn relay
Depth	30 mm
Height	92 mm
Width	77 mm
Product weight	0,2 kg

Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz IEC 60068-2-6
Shock resistance	30 gn 11 ms IEC 60068-2-27
IP degree of protection	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529
RoHS EUR conformity date	0914
RoHS EUR status	Compliant