XUX1ARCNT16

photo-electric sensor - XUX - reflex - Sn 14m - 24..240VAC/DC - terminals

Main

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	Reflex
[Sd] sensing range	> 5...15 m
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
Product specific application	-
Emission	Infrared reflex
[Sn] nominal sensing distance	14 m reflex need reflector XUZC50

Complementary

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, cable outer diameter: 7...10 mm
Status LED	1 LED (yellow) for output state 1 LED (green) for supply
[Us] rated supply voltage	24...240 V AC/DC
Switching capacity in mA	3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V) 0.5 A (cos φ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	<= 20 Hz
Voltage drop	<= 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 φ = 0.4, 60 cyc/mn at 250 V 500000 cycles, cos φ = 1, 60 cyc/mn at 250 V
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, 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	IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529
RoHS EUR status	Compliant
RoHS EUR conformity date	0914

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