Product data sheet
Characteristics

XUX9ARCNM12
photo-electric sensor - XUX - polarised - Sn 11m - 24..110VAC/DC - M12

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 (yellow) for output state 1 LED (red) for instability
[Us] rated supply voltage	24...110 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 150 V) 3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 150 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 = 1, 60 cyc/mn at 150 V 500000 cycles, cos φ = 0.4, 60 cyc/mn at 150 V
Depth	30 mm
Height	92 mm
Width	77 mm

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

RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(YYWW)	0914

Contractual warranty

Period	18 months

Schneider Electric