Product datasheet
Characteristics

XUC9ARCTL2

photo-electric sensor - XUC - polarised - Sn 6m - 24..240VAC/DC - cable 2m
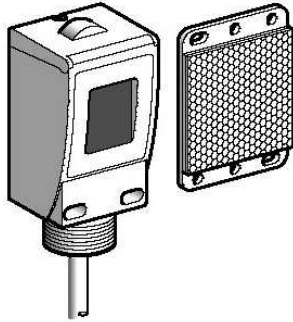
Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUC
Sensor design	Compact
Detection system	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
Electrical connection	Cable
Cable length	2 m
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	6 m polarised reflex need reflector XUZC50

Complementary

Enclosure material	PC
Lens material	PMMA
Maximum sensing distance	9 m with reflector 50 x 50 mm
Output type	Relay
Output function governance	Light or dark programmable
Add on output	Without
Cable composition	5 x 0.34 mm²
Wire insulation material	PvR
Cable outer diameter	6 mm
Status LED	1 LED (red) for stability 1 LED (yellow) for output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC
Output voltage	<= 250 V AC
Switching capacity in mA	3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	<= 20 Hz
Power consumption in W	2 W
Time delay range	0...15 s monostable, on-delay or off-delay (programmable) delay
Delay first up	<= 60 ms
Delay response	<= 25 ms
Delay recovery	<= 25 ms
Setting-up	Sensitivity adjustment with potentiometer
Electrical durability	500000 cycles, switching capacity: 3000 mA, cos φ = 1, 60 cyc/mn at 250 V
Depth	44 mm
Height	99 mm
Width	45 mm
Product weight	0.28 kg
Kit composition	Sensor Reflector XUZC50

Schneider Electric

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 (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529
NEMA degree of protection	NEMA 12 conforming to IEC 60529 NEMA 13 conforming to IEC 60529 NEMA 3 conforming to IEC 60529 NEMA 4 conforming to IEC 60529 NEMA 4X conforming to IEC 60529 NEMA 6 conforming to IEC 60529 NEMA 6P conforming to IEC 60529

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 4Q2012 Will be Compliant on 4Q2012