

XUK5ARCNL2

photoelectric sensor - diffuse - Sn 1 m - NC + NO - cable 2m



Main

Range of product	OsiSense XU
Series name	Optimum
Specific application of photoelectric detector	Object
Sensor name	XUK
Sensor design	Compact 50 x 50
Material	Plastic
Detection system	Diffuse
Emission	Infrared diffuse
[Sn] nominal sensing distance	1 m diffuse
Wiring technique	5 wires
Type of output signal	Discrete
Discrete output function	1 NO + 1 NC
Add on output	Without
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PVC
[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

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	1,5 m diffuse
Output type	Relay
Status LED	1 LED yellow output state
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
Delay first up	$<$ 60 ms
Delay response	$<$ 25 ms
Delay recovery	$<$ 25 ms
Setting-up	Without sensitivity adjustment
Depth	18 mm
Height	50 mm
Width	50 mm
Product weight	0,19 kg

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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
RoHS EUR conformity date	0841
RoHS EUR status	Compliant