

XUK5ANBNM12

photo-electric sensor - XUK - diffuse - Sn 1m -
12..24VDC - M12



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	3 wires
Type of output signal	Discrete
Discrete output function	1 NC
Discrete output type	NPN
Add on output	Without
Electrical connection	1 male connector M12 4 pins
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	≤ 100 mA , overload and short-circuit protection

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	1.5 m diffuse
Output type	Solid state
Status LED	1 LED (yellow) for output state
Supply circuit type	DC
Supply voltage limits	10...36 V DC
Switching frequency	≤ 250 Hz
Voltage drop	≤ 1.5 V (closed state)
Current consumption	≤ 35 mA at no-load
Delay first up	< 15 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Without sensitivity adjustment
Depth	18 mm
Height	50 mm
Width	50 mm
Product weight	0.07 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 , 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
RoHS EUR conformity date	0841
RoHS EUR status	Compliant