XUK5LAPSMM12

photo-electric laser sensor - XUK - diffuse energetic - Sn 1,2m - 10..30VDC -M12

Main

Range of product	OsiSense XU
Series name	Application assembly Application material handling
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Diffuse
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Product specific application	-
Emission	Red laser diffuse (class 1)
[Sn] nominal sensing distance	1.2 m diffuse

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	1.2 m diffuse
Output type	Solid state
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC
Cable outer diameter	6 mm
Status LED	1 LED (yellow) for output state 1 LED (green/yellow) for supply on/output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10...36 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 250 Hz

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Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 30 mA (no-load)
Delay first up	< 300 ms
Delay response	< 0.8 ms
Delay recovery	< 0.8 ms
Setting-up	Using teach button or remote teaching
Depth	50 mm
Height	50 mm
Width	23 mm
Product weight	0.035 kg

Environment

Product certifications	cULus Ecolab CE
Ambient air temperature for operation	-20...50 °C, UL certified -20...60 °C
Ambient air temperature for storage	-20...80 °C
Vibration resistance	7 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant

Contractual warranty

Warranty period	18 months

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