

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 mm ²
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 with 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
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	18 mm
Product weight	0.19 kg
Kit composition	With XUZA51 bracket fixing

Environment

Product certifications	CE CULus Ecolab
Ambient air temperature for operation	-20...60 °C -20...50 °C, UL certified
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

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will not be Compliant