

XUK8LAPPNM12

photo-electric laser sensor -XUK -background suppression -Sn 0,8m -10..30VDC-M12

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	Application assembly Application food and beverage single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Diffuse with background suppression
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 with background suppression (class 1)
[Sn] nominal sensing distance	2.62 ft (0.8 m) diffuse with background suppression

Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	2.62 ft (0.8 m) diffuse with background suppression
Output type	Solid state
Status LED	1 LED (green) for supply 1 LED (yellow) for output state
[Us] rated supply voltage	10...30 V DC with reverse polarity protection
Supply voltage limits	9...33 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1000 Hz
Voltage drop	<= 2.4 V (closed state)
Current consumption	<= 30 mA (no-load)
Delay first up	< 60 ms
Delay response	< 25 ms
Delay recovery	< 25 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.71 in (18 mm)
Product weight	0.08 lb(US) (0.035 kg)

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Environment

Product certifications	CE Ecolab
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-4...176 °F (-20...80 °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	IP69K conforming to DIN 40050 IP67 conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119077583
Nbr. of units in pkg.	1
Package weight(Lbs)	0.08
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	DE

Contractual warranty

Period	18 months
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