

# XUK5LAPSM12

photo-electric laser sensor - XUK - diffuse  
energetic - Sn 1,2m - 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
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 2)
[Sn] nominal sensing distance	3.94 ft (1.2 m) diffuse

## Complementary

Enclosure material	ABS/PC
Lens material	PMMA
Maximum sensing distance	3.94 ft (1.2 m) diffuse
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	<= 600 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 teach mode
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)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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	003389119077576
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
--------	-----------

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XUK5LAPSM12](#)