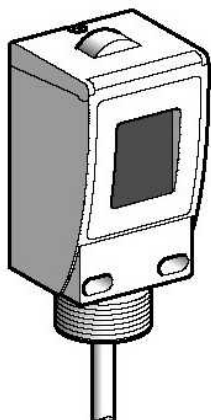


# XUC8ARCTL5

photo-electric sensor - XUC - BGS - Sn 1.2m -  
24..240VAC/DC - cable 5m

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



## Main

Commercial Status	Commercialised
Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUC
Sensor design	Compact
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
Electrical connection	Cable
Cable length	16.4 ft (5 m)
Product specific application	-
Emission	Infrared diffuse with background suppression
[Sn] nominal sensing distance	3.94 ft (1.2 m) diffuse with background suppression

## Complementary

Enclosure material	PC
Lens material	PMMA
Maximum sensing distance	3.94 ft (1.2 m)
Output type	Relay
Output function governance	Light or dark programmable
Add on output	Without
Cable composition	5 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Cable outer diameter	0.24 in (6 mm)
Status LED	1 LED (red) for stability 1 LED (yellow) for output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC
Output voltage	<= 250 V AC
Switching capacity in mA	3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)
Switching frequency	<= 20 Hz
Power consumption in W	2 W
Time delay range	0...15 s monostable, on-delay or off-delay (programmable) delay
Delay first up	<= 60 ms
Delay response	<= 25 ms
Delay recovery	<= 25 ms
Setting-up	Sensitivity adjustment with potentiometer
Electrical durability	500000 cycles, switching capacity: 3000 mA, cos φ = 1, 60 cyc/mn at 250 V
Depth	1.73 in (44 mm)
Height	3.9 in (99 mm)
Width	1.77 in (45 mm)

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 CSA UL
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	7 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529
NEMA degree of protection	NEMA 6P conforming to IEC 60529 NEMA 6 conforming to IEC 60529 NEMA 4X conforming to IEC 60529 NEMA 4 conforming to IEC 60529 NEMA 3 conforming to IEC 60529 NEMA 13 conforming to IEC 60529 NEMA 12 conforming to IEC 60529

## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389110881127
Nbr. of units in pkg.	1
Package weight(Lbs)	0.88
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2013

## Contractual warranty

Period	18 months
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