

# XUM8APCNL2

photo-electric sensor - XUM - BGS - Sn 0.3m -  
12..24VDC - cable 2m



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Red diffuse with background suppression
[Sn] nominal sensing distance	0.98 ft (0.3 m) diffuse with background suppression

## Complementary

Enclosure material	PBT
Lens material	PC
Maximum sensing distance	0.98 ft (0.3 m) diffuse with background suppression
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED yellow)output state 1 LED red)instability
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA overload and short-circuit protection)
Switching frequency	<= 500 Hz

Disclaimer: 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

Maximum voltage drop	<1.5 V closed state)
Current consumption	35 mA no-load
Maximum delay first up	30 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Setting-up	Without sensitivity adjustment
Depth	1.06 in (27 mm)
Height	1.50 in (38 mm)
Length	0.43 in (11 mm)
Width	0.47 in (12 mm)
Net weight	0.18 lb(US) (0.08 kg)

## Environment

Product certifications	UL CSA CE
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Immunity to ambient light	3000 lux natural light 3000 lux incandescent light
Vibration resistance	7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 double insulation IEC 60529 IP65 double insulation IEC 60529

## Packing Units

Package 1 Weight	0.13 lb(US) (0.058 kg)
Package 1 Height	0.200 dm
Package 1 width	1.600 dm
Package 1 Length	2.000 dm

## Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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