XUB0SPSNL2

photo-electric sensor - XUB - multi - Sn 0..20m - 12..24VDC - cable 2m

Green Premium™

Main

Range of product	OsiSense XU
Series name	Application food and beverage mutlimode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Multimode
Material	Stainless steel
Line of sight type	Axial
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	Infrared diffuse Infrared diffuse with background suppression Infrared thru beam Red polarised reflex
[Sn] nominal sensing distance	9.84 ft (3 m) polarised reflex need reflector XUZC50 65.62 ft (20 m) thru beam need a transmitter XUB0SKSNL2T 0.39 ft (0.12 m) diffuse with background suppression 0.98 ft (0.3 m) diffuse

Complementary

Enclosure material	Stainless steel : 304 CU
Lens material	PMMA

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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 sensing distance	0.39 ft (0.12 m) diffuse with background suppression 1.31 ft (0.4 m) diffuse 98.43 ft (30 m) thru beam 14.76 ft (4.5 m) polarised reflex
Output type	Solid state
Wire insulation material	PvR
Status LED	1 LED green)output state 1 LED red)supply on 1 LED yellow)stability
[Us] rated supply voltage	12...24 V DC 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
Maximum voltage drop	<1.5 V closed state)
Current consumption	35 mA no-load
Maximum delay first up	200 ms
Maximum delay response	2 ms
Maximum delay recovery	2 ms
Setting-up	Self-training
Diameter	0.71 in (18 mm)
Length	3.07 in (78 mm)
Net weight	0.23 lb(US) (0.105 kg)

Environment

Product certifications	CSA CE 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 +/- 1.5 mm 10…55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP65 double insulation IEC 60529 IP67 double insulation IEC 60529 IP69K double insulation DIN 40050

Packing Units

Package 1 Weight	0.29 lb(US) (0.132 kg)
Package 1 Height	0.420 dm
Package 1 width	0.960 dm
Package 1 Length	1.320 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months

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