

XUB4BNANL2

photo-electric sensor - XUB - diffuse - Sn 0.1m
- 12..24VDC - cable 2m



Main

Range of product	OsiSense XU
Series name	Optimum
Specific app photo-elec dtctr	Object
Sensor name	XUB
Sensor design	M18
Material	Metal
Detection system	Diffuse
Emission	Infrared diffuse
Line of sight type	Axial
[Sn] nominal sensing distance	0.1 m diffuse
Wiring techniques	3 wires
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NO
Discrete output type	NPN
Add on output	Without
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PvR
Supply circuit type	DC
Us rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA, overload and short-circuit protection
Diameter	18 mm

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	0.15 m diffuse
Status LED	1 LED (yellow) for output state
Supply voltage limits	10 - 36 V DC
Switching frequency	<= 500 Hz
Voltage drop	1.5 V (closed state)
Current consumption	35 mA at no-load
Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Without sensitivity adjustment
Length	46 mm
CAD overall width	18 mm
CAD overall height	18 mm
CAD overall depth	64 mm

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Environment

Product certifications	CE CSA UL
Ambient air temp for op	-25...55 °C
Ambient air temp for storage	-40...70 °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	IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529

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