

XUB2BNBNL2R

photo-electric sensor - XUB - thru beam - Sn
15m - 12..24VDC - cable 2m



Main

Range of product	OsiSense XU
Series name	Optimum
Electronic sensor type	Photo-electric sensor
Specific application of photoelectric detector	Object
Sensor name	XUB
Sensor design	M18
Material	Metal
Detection system	Thru beam
Emission	Infrared thru beam
Line of sight type	Axial
[Sn] nominal sensing distance	15 m thru beam
Wiring technique	3 wires
Discrete output function	1 NC
Discrete output type	NPN
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PvR
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	≤ 100 mA , overload and short-circuit protection
Current consumption	35 mA at no-load

Complementary

Enclosure material	Nickel plated brass
Lens material	PMMA
Maximum sensing distance	20 m thru beam
Type of output signal	Discrete
Output type	Solid state
Add on output	Without
Status LED	1 LED (yellow) for output state
Supply circuit type	DC
Supply voltage limits	10...36 V DC
Switching frequency	≤ 500 Hz
Voltage drop	1.5 V (closed state)
Delay first up	< 15 ms
Delay response	< 1 ms
Delay recovery	< 1 ms
Setting-up	Without sensitivity adjustment
Diameter	18 mm
Length	46 mm

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Environment

Product certifications	CE CSA UL
Ambient air temperature for operation	-25...55 °C
Ambient air temperature 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
RoHS EUR conformity date	0903
RoHS EUR status	Compliant