

XUB0BNSNM12

photoelectric sensor - universal - Sn 0..15 m -
NO or NC - M12 connector



Main

Range of product	OsiSense XU
Series name	Universal
Specific application of photoelectric detector	Object
Sensor name	XUB
Sensor design	M18
Material	Metal
Detection system	Diffuse Diffuse with background suppression Polarised reflex Thru beam
Emission	Infrared diffuse Infrared diffuse with background suppression Infrared thru beam Red polarised reflex
Line of sight type	Axial
[Sn] nominal sensing distance	0,12 m diffuse with background suppression 0,3 m diffuse 2 m polarised reflex 15 m thru beam
Wiring technique	3 wires
Type of output signal	Discrete
Discrete output function	1 NO or 1 NC programmable
Discrete output type	NPN
Add on output	Without
Electrical connection	1 male connector M12 4 pins
[Us] rated supply voltage	12...24 V DC 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	0,12 m diffuse with background suppression 0,4 m diffuse 3 m polarised reflex 20 m thru beam
Output type	Solid state
Status LED	1 LED yellow output state 1 LED green supply 1 LED red instability
Supply circuit type	DC
Supply voltage limits	10...36 V DC
Switching frequency	≤ 250 Hz
Voltage drop	1,5 V closed state
Current consumption	35 mA no-load
Delay first up	< 200 ms
Delay response	< 2 ms
Delay recovery	< 2 ms

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Setting-up	Self-teaching
Length	78 mm
Product weight	0,055 kg

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 +/- 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
RoHS EUR conformity date	0821
RoHS EUR status	Compliant