

XUB0AKSNM12T

photoelectric sensor - thru-beam - Sn 15 m - M12 connector



Main

Range of product	OsiSense XU
Series name	Universal
Electronic sensor type	Photo-electric sensor transmitter
Specific application of photoelectric detector	Object
Sensor name	XUB
Sensor design	Cylindrical M18
Material	Plastic
Detection system	Thru beam
Emission	Infrared
Line of sight type	Axial
[Sn] nominal sensing distance	15 m
Wiring technique	3 wires
Electrical connection	1 male connector M12 4 pins
Wire insulation material	PvR
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Switching capacity in mA	≤ 100 mA overload and short-circuit protection
Current consumption	20 mA no-load

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	20 m
Type of output signal	Discrete
Output type	Solid state
Add on input	Test by emission breaking
Status LED	1 LED green supply on 1 LED yellow output state
Supply circuit type	DC
Supply voltage limits	10...36 V DC
Switching frequency	≤ 250 Hz
Voltage drop	1,5 V closed state
Delay first up	< 200 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Without sensitivity adjustment
Length	60 mm
Product weight	0,045 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