

XUX5APBNT16

photo-electric sensor - XUX - diffuse - Sn 2.1m
- 12..24VDC - terminals



Main

Range of product	OsiSense XU
Series name	Optimum
Specific application of photoelectric detector	Object
Sensor name	XUX
Sensor design	Compact
Material	Plastic
Detection system	Diffuse
Emission	Infrared diffuse
[Sn] nominal sensing distance	2.1 m diffuse
Wiring technique	3 wires
Type of output signal	Discrete
Discrete output function	1 NC
Discrete output type	PNP
Add on output	Without
Electrical connection	Screw-clamp terminals , 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	≤ 100 mA , overload and short-circuit protection

Complementary

Electronic sensor type	Photo-electric sensor
Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	3 m diffuse
Output type	Solid state
Cable entry	1 entry for M16 x 1.5 cable gland , cable outer diameter: 7...10 mm
Status LED	1 LED (yellow) for output state 1 LED (green) for supply
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 at no-load
Delay first up	< 15 ms
Delay response	< 2 ms
Delay recovery	< 2 ms
Setting-up	Sensitivity adjustment
Depth	30 mm
Height	92 mm
Width	77 mm
Product weight	0.2 kg

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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	4Q2009
RoHS EUR status	Will be compliant