XUM9APCNM8

photo-electric sensor - XUM - polarised - Sn 5m - 12..24VDC - M8

Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	5 m polarised reflex need reflector XUZC50

Complementary

Enclosure material	PBT
Lens material	PMMA
Output type	Solid state
Wire insulation material	PVC
Status LED	1 LED (green) for instability 1 LED (orange) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10…30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V (closed state)
Current consumption	<= 10 mA no-load

Maximum delay first up	100 ms
Maximum delay response	1 ms
Maximum delay recovery	0.5 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	20 mm
Height	33 mm
Length	11 mm
Width	11 mm
Net weight	0.02 kg

Environment

Product certifications	CURus CE
Ambient air temperature for operation	-25…55 °C
Ambient air temperature for storage	-30…70 °C
Immunity to ambient light	3000 lux natural light 3000 lux incandescent light
Vibration resistance	20 gn, amplitude = +/- 1.5 mm (f = 10…500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

Packing Units

Package 1 Weight	0.012 kg
Package 1 Height	1.500 cm
Package 1 width	7.000 cm
Package 1 Length	13.000 cm

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months

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