Product data sheet
Characteristics

XUMTANCNM8
photo-electric sensor - XUM - reflex - Sn 2m - 12..24VDC - M8

Main

Range of product	OsiSense XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Reflex
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Detection of transparent object
Emission	Infrared reflex
[Sn] nominal sensing distance	6.56 ft (2 m) reflex need reflector XUZC50 3.28 ft (1 m) reflex need reflector XUZC50CR

Complementary

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

Maximum delay response	1 ms
Setting-up	Sensitivity adjustment by potentiometer
Depth	0.79 in (20 mm)
Height	1.30 in (33 mm)
Length	0.43 in (11 mm)
Width	0.43 in (11 mm)
Net weight	0.04 lb(US) (0.02 kg)

Environment

Product certifications	CE CURus
Ambient air temperature for operation	-13…131 °F (-25…55 °C)
Ambient air temperature for storage	-22…158 °F (-30…70 °C)
Immunity to ambient light	3000 lux natural light 3000 lux incandescent light
Vibration resistance	20 gn +/- 1.5 mm 10…500 Hz) IEC 60068-2-6
Shock resistance	50 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP67 IEC 60529

Packing Units

Package 1 Weight	0.04 lb(US) (0.016 kg)
Package 1 Height	0.150 dm
Package 1 width	1.600 dm
Package 1 Length	2.000 dm

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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