Product data sheet
Characteristics

XUYAFLCO966S

photo-electric sensor - XUY - ampli for fibre - illumination - 12..24VDC - M8

Main

Range of product	OsiSense XU
Series name	Application assembly
Electronic sensor type	Photo-electric sensor
Product specific application	Verifying operation of indicator lights on electrical appliances Testing car headlights on production line
Sensor name	XUY
Sensor design	Fiber design
Material	Plastic
Detection system	Diffuse
[Sn] nominal sensing distance	0.00 in (0 mm) depending on plastic fibres diameter 2.2 mm used
Wiring technique	4-wire
Type of output signal	Discrete

Complementary

Enclosure material	Polycarbonate
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Status LED	Output signal 1 LED green) Limit of detection 1 LED red) Time delay active 1 LED red)
Supply circuit type	DC
[Us] rated supply voltage	24 V DC reverse polarity protection
Supply voltage limits	10…30 V DC
Voltage state 0 guaranteed	< 1.4 V
Voltage state 1 guaranteed	> 3 V
Switching capacity in mA	100 mA overload and short-circuit protection)
Switching frequency	< 5 Hz
Maximum voltage drop	<2 V closed state)
Current consumption	< 40 mA
Time delay range	0...5 s adjustment increments

Maximum delay response	100 ms
Maximum delay recovery	100 ms
Setting-up	With sensitivity adjustment
Net weight	0.12 lb(US) (0.054 kg)

Environment

Product certifications	CE
Ambient air temperature for operation	32…140 °F (0…60 °C)
Ambient air temperature for storage	-4…176 °F (-20…80 °C)
IP degree of protection	IP65 IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.76 oz (50 g)
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	15
Package 2 Weight	33.44 oz (948 g)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

REACh Regulation	REACh Declaration
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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