Product datasheet
Characteristics

xuda2psml2
photoelectric sensor - fiber optic amplifier - NO/NC programmable - cable 2m



Main

Range of product	OsiSense XU
Series name	Application, assembly
Specific application of photoelectric detector	Object
Sensor name	XUD

Complementary

Electronic sensor type	Photo-electric sensor
Sensor design	Fiber design
Enclosure material	PBT
Wiring technique	3-wire
Supply circuit type	DC
Type of output signal	Discrete
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Discrete output type	PNP
Electrical connection	Cable
Cable length	2 m
Cable material	PVC
Status LED	1 LED green stability 1 LED yellow output state
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Supply voltage limits	10.8...26.4 V DC
Current consumption	<= 50 mA (no-load)
Switching capacity in mA	<= 100 mA overload protection <= 100 mA short-circuit protection
Voltage drop	<= 2 V closed
Time delay range	0...40 s
Switching frequency	<= 1 kHz <= 5 kHz
Add on output	With alarm output, 50 mA with overload protection With alarm output, 50 mA with short-circuit protection
Delay first up	< 120 ms
Delay response	< 0.1 ms
Delay recovery	< 0.1 ms
Product compatibility	Glass or plastic fibre optics 1 mm or 2.2 mm
Setting-up	Sensitivity adjustment with teach mode
Display type	4-digit
Lens material	PMMA
Depth	10 mm
Height	65 mm
Width	40 mm
Product weight	0.04 kg

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Environment

Emission	Red
Interference protection	With
Product certifications	CE CULus
IP degree of protection	IP64 IEC 529 optic fiber Ø 1 mm IP65 IEC 529 optic fiber Ø 2 mm
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-30...70 °C
Vibration resistance	+/-0.5 mm 10...55 Hz)IEC 60068-2-6 7 gn 10...55 Hz)IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Compliant - since 0623 - Schneider Electric declaration of conformity