Product datasheet

Specifications



Discontinued

photo-electric sensor - XUY - fork - 2X40mm - 12..24VDC - M8

XUYF953002COS

Discontinued on: 01 November 2020

XUYF953002COS has not been replaced. Please contact your customer care centre for more information.

Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fork
Detection system	Thru beam
Emission	Infrared, continuous
Passage width	2 mm
Passage depth	40 mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP/NPN
Electrical connection	1 male connector M8, 4 pins
Product specific application	Control of tools travel Detection on a labelling machine Lateral shift control of a belt Detection of sheets overlapping Lift cage position control Detection of marks on a translucent film
[Sn] nominal sensing distance	2 mm

Complementary

Enclosure material	Painted aluminium strong housing
Type of output signal	Discrete
Output type	Solid 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	10 kHz
Maximum voltage drop	<1 V at 10 mA (closed state)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	<2 V at 100 mA (closed state)
Current consumption	40 mA no-load
Time response	30 µs
Maximum delay recovery	30 µs
Depth	12 mm
Length	60 mm
Width	40 mm

Environment

Product certifications	cULus CE
Ambient air temperature for operation	-20…60 °C
Ambient air temperature for storage	-20…80 °C
Immunity to ambient light	3000 lux incandescent bulb 3000 lux natural light
IP degree of protection	IP65 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	58.0 g
Package 1 Height	3.4 cm
Package 1 width	13 cm
Package 1 Length	7.4 cm
Unit Type of Package 2	S01
Number of Units in Package 2	15
Package 2 Weight	1.1 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	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