Product data sheet
Characteristics

XUYFA983003COS
Photoelectric sensors XU, XUY, fork, label, 3X60mm, 12...24 VDC, M8



Commercial status
End of commercialisation : NOV 01, 2020

⚠ End of commercialisation

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	3 Mm
Passage depth	60 Mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP and NPN
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Packaging series
[Sn] nominal sensing distance	3 Mm

Complementary

Enclosure material	Anodised aluminium
Type of output signal	Discrete
Output type	Solid state
Status LED	No object present: 1 LED (green) Adjustment mode and keypad locking: 1 LED (red)
[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	<2 V (closed state)
Current consumption	40 mA no-load
Time response	50 Ms
Maximum delay recovery	50 Ms
Net weight	0.07 Kg

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Environment

Product certifications	CE cULus
Ambient air temperature for operation	-20…60 °C
Ambient air temperature for storage	-30…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	62.0 G
Package 1 Height	3.5 Cm
Package 1 width	7 Cm
Package 1 Length	13 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Weight	2.474 Kg
Package 2 Height	15 Cm
Package 2 width	30 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

Product Life Status : End of commerc. - Block