XUYFA983003COS

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

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	0.12 in (3 mm)
Passage depth	2.36 in (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	0.12 in (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 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 µs
Maximum delay recovery	50 µs
Net Weight	0.15 lb(US) (0.07 kg)

Environment

Product Certifications	CE cULus
Ambient Air Temperature for Operation	-4…140 °F (-20…60 °C)
Ambient Air Temperature for Storage	-22…176 °F (-30…80 °C)
Immunity to ambient light	3000 Lux incandescent bulb 3000 lux natural light
IP degree of protection	IP65 IEC 60529

Jul 13, 2022

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389119007313
Nbr. of units in pkg.	1
Package weight(Lbs)	2.19 oz (62.0 g)
Returnability	No
Country of origin	FR

Packing Units

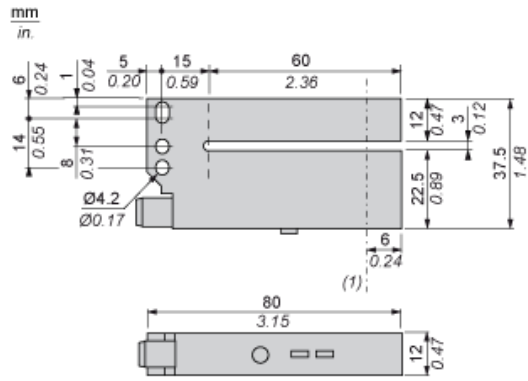|	
Unit Type of Package 1	PCE
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Weight	5.45 lb(US) (2.474 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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

Dimensions

(1)   Optical axis

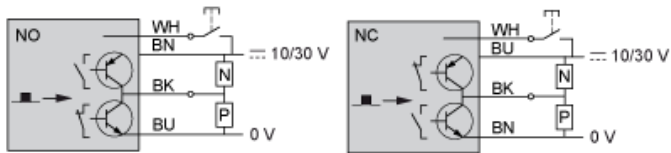# XUYFA983003COS

Wiring Schemes

Connector
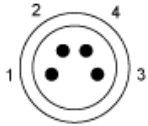
1 : BN: Brown
2 : WH: White (input)
3 : BU: Blue
4 : BK: Black (PNP and NPN outputs)

NO or NC Programmable Function

■ Object detected

If the white wire is not used, connect to 0 V.

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