Product data sheet
Characteristics

XUYFA983003COS
photo-electric sensor - XUY - fork - label - 3X60mm - 12..24VDC - M8

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of product	OsiSense 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	1 LED (green) no object present 1 LED (red) adjustment mode and keypad locking
[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
Voltage drop	< 2 V (closed state)
Current consumption	40 mA (no-load)
Time response	50 µs
Delay recovery	50 µs
Product weight	0.15 lb(US) (0.07 kg)

Environment

Product certifications	CULus CE
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 with incandescent bulb 3000 lux with natural light
IP degree of protection	IP65 conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	003389119007313
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14999999999999999
Returnability	N
Country of origin	FR

Offer Sustainability

|	
RoHS (date code: YYWW)	Compliant - since 0708 - Schneider Electric declaration of conformity ⬀Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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XUYFA983003COS

Dimensions
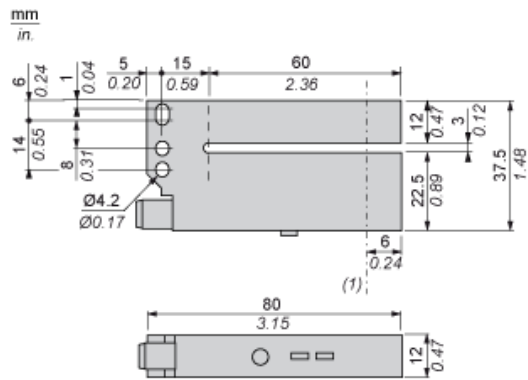
(1)   Optical axis

XUYFA983003COS
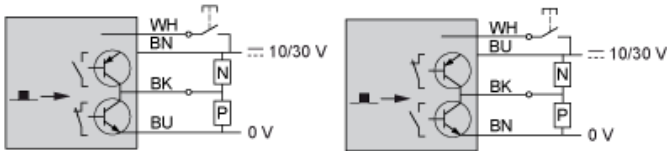
Wiring Schemes

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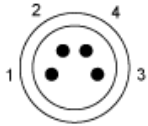
1 :   BN: Brown
2 :   WH: White (input)
3 :   BU: Blue
4 :   BK: Black (PNP and NPN outputs)

NO or NC Programmable Function

■ Object detected

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

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