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

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	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	1 LED (green) for no object present 1 LED (red) for 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)
Delay response	50 µs

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Delay recovery	50 µs
Product weight	0.07 kg

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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0708 - Schneider Electric declaration of conformity
	Schneider Electric declaration of conformity

Contractual warranty

Warranty period	18 months

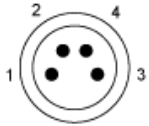## Dimensions
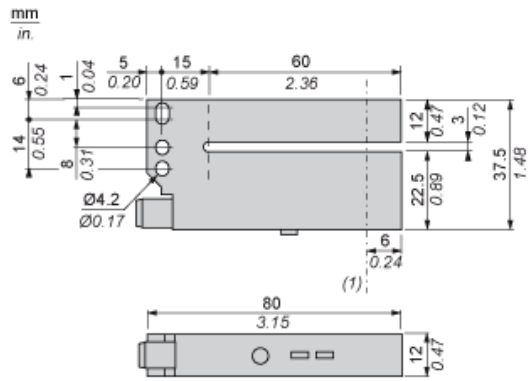
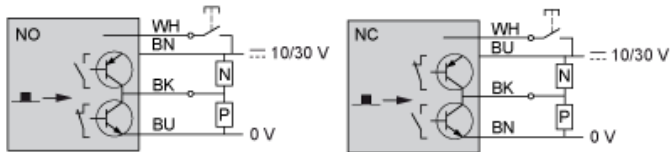(1)   Optical axis

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.