Product data sheet
Characteristics

XUYPSCO989SP
Photoelectric sensors XU, XUY 989, BGS, Sn 0.08 m, 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	Miniature
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Conveyor system and access control series
Emission	Red LED, pulsed
[Sn] nominal sensing distance	1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression 0.25 m diffuse with adjustable sensitivity

Complementary

Enclosure material	ABS
Lens material	PMMA
Cover material	PUR
Pulse frequency	6 kHz
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	500 Hz
Maximum voltage drop	<2 V at 100 mA (closed state) <1 V at 10 mA (closed state)
Current consumption	< 25 mA no-load
Maximum delay response	1 ms
Net weight	0.044 kg

Environment

Product certifications	CE[RETURN]cULus
Ambient air temperature for operation	0…50 °C
Ambient air temperature for storage	-20…80 °C
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

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Packing Units

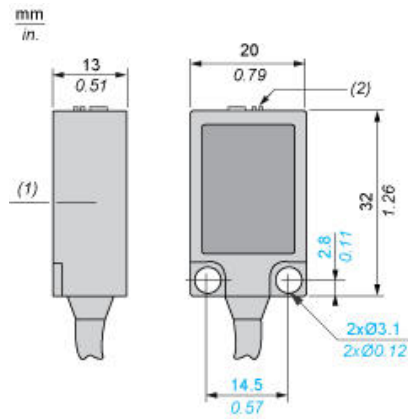|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.400 cm
Package 1 Width	7.400 cm
Package 1 Length	12.600 cm
Package 1 Weight	40.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.776 kg

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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months

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Product data sheet
Dimensions Drawings

XUYPSCO989SP

Dimensions

(1)   Optical axis
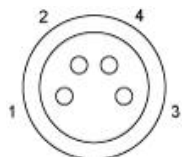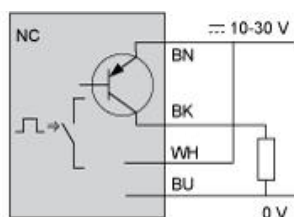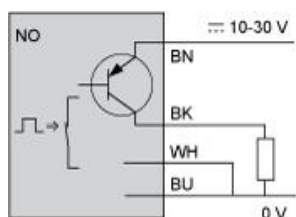(2)   Accuracy adjustment

Connections and Schemes

M8

PNP Output

1/ Brown
BN :
2/ White
WH :
3/ Blue
BU :
4/ Black
BK :