XUYP989SP

photo-electric sensor - XUY 989 - diffuse - Sn 0.25m - 12..24VDC - cable 2m



Main

Range of product Series name Application Electronic sensor type Photo-electric sensor Sensor name XUY Sensor design Miniature Detection system Diffuse Material Plastic Type of output signal Discrete Supply circuit type DC Wiring technique 4-wire Discrete output function Discrete output function 1 NO or 1 NC programmable Electrical connection Cable Cable length 2 m Product specific application 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		
Electronic sensor type Photo-electric sensor Sensor name XUY Sensor design Miniature Detection system Diffuse 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 Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Range of product	OsiSense XU
Sensor name XUY Sensor design Miniature Detection system Diffuse 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 Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Series name	Application
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Detection system Diffuse Material Plastic Type of output signal Supply circuit type DC Wiring technique 4-wire Discrete output type PNP Discrete output function 1 NO or 1 NC programmable Electrical connection Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Sensor name	XUY
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 Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Sensor design	Miniature
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 Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Detection system	Diffuse
Supply circuit type DC Wiring technique 4-wire Discrete output type PNP Discrete output function 1 NO or 1 NC programmable Electrical connection Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Material	Plastic
Wiring technique 4-wire Discrete output type PNP Discrete output function 1 NO or 1 NC programmable Electrical connection Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Type of output signal	Discrete
Discrete output type PNP Discrete output function 1 NO or 1 NC programmable Electrical connection Cable Cable length 2 m Product specific Conveyor system and access control series application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Supply circuit type	DC
Discrete output function 1 NO or 1 NC programmable Electrical connection Cable Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Wiring technique	4-wire
Electrical connection Cable Cable length Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Discrete output type	PNP
Cable length 2 m Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Discrete output function	1 NO or 1 NC programmable
Product specific application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Electrical connection	Cable
application Emission Red LED, pulsed [Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	Cable length	2 m
[Sn] nominal sensing distance 1 M polarised reflex 4 M thru beam 0.08 M diffuse with background suppression	•	Conveyor system and access control series
distance 4 M thru beam 0.08 M diffuse with background suppression	Emission	Red LED, pulsed
		4 M thru beam 0.08 M diffuse with background suppression

Complementary

Enclosure material	ABS	
Lens material	PMMA	
Cover material	PVC	
Pulse frequency	6 kHz	
Output type	Solid state	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Supply voltage limits	1030 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	0.075 kg	

Environment

Product certifications	CULus CE	
Ambient air temperature for operation	050 °C	
Ambient air temperature for storage	-2080 °C	
Immunity to ambient light	10000 Lux natural light 5000 lux incandescent bulb	
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529	

Packing Units

Package 1 Weight	0.066 kg
Package 1 Height	0.350 dm
Package 1 width	0.750 dm
Package 1 Length	1.320 dm

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

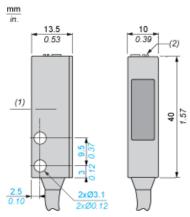
Contractual warranty

Warranty	18 months
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Product data sheet **Dimensions Drawings**

XUYP989SP

Dimensions



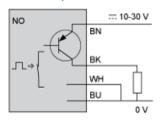
- (1) Optical axis(2) Accuracy adjustment

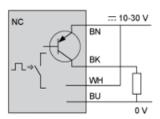
Product data sheet Connections and Schema

XUYP989SP

Connections and Schemes

PNP Output





BN: Brown BU: Blue BK: Black WH: White