

# XUYDCFPCO966S

photoelectric sensor - XUY - M8 connector - Sn  
4 mm - discrete solid state



## Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fiber design
Detection system	Diffuse
[Sn] nominal sensing distance	18 Mm with fiber optic XUYFPDC61/101 4 mm with fiber optic XUYFPDCM861/M8101
Material	Plastic
Switching frequency	< 20 kHz
Type of output signal	Discrete
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

## Complementary

Enclosure material	Polyamide
Lens material	Polyamide
Pulse frequency	40 kHz
Spot diameter	1.5 mm
Depth of field	- 3...1 mm with fiber optic XUYFPDC61/101 - 5...7 mm with fiber optic XUYFPDC61/101 +/- 1 mm with fiber optic XUYFPDCM861/M8101
Output type	Solid state
Status LED	Output state indication: 1 LED
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Voltage state 0 guaranteed	< 1.4 V
Voltage state 1 guaranteed	> 3 V
Switching capacity in mA	100 mA (overload and short-circuit protection)
Maximum voltage drop	<2 V (closed state)
Current consumption	50 mA
Maximum delay response	25 μs
Maximum delay recovery	25 μs
Setting-up	With sensitivity adjustment
Net weight	0.047 kg

## Environment

Product certifications	cULus[RETURN]CE
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	10000 Lux natural light 20000 lux incandescent bulb
IP degree of protection	IP65 conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.5 cm
Package 1 Width	7 cm
Package 1 Length	13 cm
Package 1 Weight	47 g

## Offer Sustainability

For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>
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