

# XUYAFLCO966S

photo-electric sensor - XUY - ampli for fibre - illumination - 12..24VDC - M8



## Main

Range of product	OsiSense XU
Series name	Application assembly
Electronic sensor type	Photo-electric sensor
Product specific application	Testing car headlights on production line Verifying operation of indicator lights on electrical appliances
Sensor name	XUY
Sensor design	Fiber design
Material	Plastic
Detection system	Diffuse
[Sn] nominal sensing distance	0 mm depending on plastic fibres diameter 2.2 mm used
Wiring technique	4-wire
Type of output signal	Discrete

## Complementary

Enclosure material	Polycarbonate
Output type	Solid state
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Status LED	1 LED (green) for output signal 1 LED (red) for limit of detection 1 LED (red) for time delay active
Supply circuit type	DC
[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)
Switching frequency	< 5 Hz
Voltage drop	< 2 V (closed state)
Current consumption	< 40 mA
Time delay range	0...5 s adjustment increments delay
Delay response	< 100 ms
Delay recovery	< 100 ms
Setting-up	With sensitivity adjustment
Product weight	0.054 kg

## Environment

Product certifications	CE
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
IP degree of protection	IP65 conforming to IEC 60529

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