



## Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application
Specific application of photoelectric detector	Detection of coloured wires Detection of translucent coloured parts Sorting out of coloured parts Detection of little marks and coloured tags Quality control of lids colour or presence of labels Detection of one to four colours
Sensor name	XUY
Sensor design	Fiber design
Emission	Blue LED Green LED Red LED

## Complementary

Electronic sensor type	Photo-electric sensor
Material	Plastic
Enclosure material	Polycarbonate strong housing
Type of output signal	Discrete
Discrete output type	4 PNP/NPN
Electrical connection	2 male connectors M12, 4 pins
Cable length	2 m
Supply circuit type	DC
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply voltage limits	21.6...26.4 V DC
Switching frequency	25 Hz for XUYFPCP. 500 Hz for XUYFPCF.
Maximum voltage drop	<0.5 V at 10 mA at low level <2.2 V at 100 mA
Current consumption	120 mA no-load
Maximum delay response	1 Ms for XUYFPCF. 20 ms for XUYFPCP.
Maximum delay recovery	1 Ms XUYFPCF. 20 ms XUYFPCP.
Setting-up	Sensitivity adjustment with teach mode

## Environment

Product certifications	cULus[RETURN]CE
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-20...60 °C
Immunity to ambient light	3000 Lux incandescent bulb 5000 lux natural light
IP degree of protection	IP65

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.700 cm
Package 1 Width	11.100 cm
Package 1 Length	16.200 cm

Package 1 Weight	426.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	12
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	5.581 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
For all Reach Rohs enquiries contact us at	<a href="mailto:sustainability@tesensors.com">sustainability@tesensors.com</a>

### Contractual warranty

Warranty	18 months
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