

Product data sheet

Characteristics

XUYB954R

Photoelectric sensors XU, XUY, polarised, Sn 6 m, 24...240VAC/DC, terminals



Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application, conveyor system and access control
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Compact
Detection system	Polarised reflex
Material	Plastic
Type of output signal	Discrete
Discrete output type	Relay
Discrete output function	1 NO or 1 NC programmable
Electrical connection	Screw terminal
Product specific application	Access control Materials handling Detection of belt breakage
Emission	Red
[Sn] nominal sensing distance	6 m

Complementary

Enclosure material	Polycarbonate
Output type	Relay
Status LED	1 LED color: green for output status 1 LED color: red for alignment assistance 1 LED color: red for dirty optics 1 LED color: red for limit of detection 1 LED color: red for time delay 1 LED color: red for time function indicator
Supply voltage limits	20...250 V AC/DC
Switching capacity in mA	3 A
Switching frequency	> 25 Hz
Maximum voltage drop	<2 V at 100 mA (closed state) <1 V at 10 mA (closed state)
Power consumption in VA	2 VA no load
Time delay range	0...10 s retriggerable delay for output circuit
Setting-up	Teach mode and/or fine manual adjustment
Net weight	0.15 kg

Environment

Product certifications	CE
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	10000 Lux incandescent bulb at 5° of optical axis 20000 lux natural light at 5° to the optical axis
IP degree of protection	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	7.500 cm
Package 1 Length	13.000 cm
Package 1 Weight	137.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	10
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	1.552 kg

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl 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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