

XUYF953002S

Photoelectric sensors XU, XUY, fork, 2X40mm,
12...24 VDC, cable 2 m



Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application
Electronic sensor type	Photo-electric sensor
Sensor name	XUY
Sensor design	Fork
Detection system	Thru beam
Emission	Infrared, continuous
Passage width	2 mm
Passage depth	40 mm
Material	Metal
Supply circuit type	DC
Wiring technique	4-wire
Discrete output type	PNP/NPN
Electrical connection	Cable
Cable length	2 m
Product specific application	Control of tools travel Detection of sheets overlapping Lateral shift control of a belt Detection of marks on a translucent film Lift cage position control Detection on a labelling machine
[Sn] nominal sensing distance	2 mm

Complementary

Enclosure material	Painted aluminium strong housing
Type of output signal	Discrete
Output type	Solid state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	100 mA (overload and short-circuit protection)
Switching frequency	10 kHz
Maximum voltage drop	<1 V at 10 mA (closed state) <2 V at 100 mA (closed state)
Current consumption	40 mA no-load
Time response	30 µs
Maximum delay recovery	30 µs
Depth	12 mm
Length	60 mm
Width	40 mm

Environment

Product certifications	CE[RETURN]cULus
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-20...80 °C
Immunity to ambient light	3000 Lux incandescent bulb 3000 lux natural light
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	7.0 cm
Package 1 Length	13.0 cm
Package 1 Weight	132.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.075 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 www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
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