

XURC4NPML2

Photoelectric sensors XU, XUR, ampli for fibre, color, 12...24 VDC, cable 2 m



Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Product specific application	Colour
Sensor name	XUR
Sensor design	Compact, fiber design
Detection system	Thru beam or diffuse depending on fiber optic
Emission	Red, blue and green
[Sn] nominal sensing distance	10 Mm spot Ø 2.5 mm need fibre XUFN5L01L2 20 Mm spot Ø 5 mm need fibre XUFN5L02L2 30 Mm spot Ø 8 mm need fibre XUFN5L03L2 7 Mm spot Ø 0.5 mm need fibre XUFN02323 250 Mm need fibre XUFN12301 150 Mm need fibre XUFS2020 5 Mm need fibre XUFN05321 4 mm need fibre XUFS0520
Material	Metal
Supply circuit type	DC
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output type	NPN
Discrete output function	1 NO
Electrical connection	Cable
Cable length	2 m

Complementary

Enclosure material	Aluminium
Lens material	Glass
Cover material	Polyacrylate
Output type	Solid state
Output function governance	Light on
Add on input	Synchro + recording
Cable composition	7 x 0.2 mm ²
Wire insulation material	Vinyl rubber
Cable outer diameter	5.4 mm
Status LED	Output state: 3 LEDs
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	<= 1200 Hz
Switching time	6 ms programmable by switch 0.8 ms programmable by switch 1.5 ms programmable by switch
Maximum voltage drop	<1.5 V (closed state)
Current consumption	<= 150 mA no-load
Time delay range	40 ms on failing edge programmable by switch delay
Setting-up	Operating mode Tolerance level Sensitivity adjustment with teach mode
Depth	93 mm

Height	44 mm
Width	25 mm
Net weight	0.19 kg

Environment

Product certifications	CE
Ambient air temperature for operation	-10...50 °C
Ambient air temperature for storage	-30...70 °C
Relative humidity	35...85 % without condensation
Immunity to ambient light	10000 Lux sunlight 3000 lux halogen light
Vibration resistance	7 gn, amplitude = +/- 0.75 mm (f = 10...55 Hz) on the 3 axes during 2 hours conforming to IEC 60068-2-6
Shock resistance	50 gn for 5 shocks on each axis conforming to IEC 60068-2-27
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	8 cm
Package 1 Width	13.2 cm
Package 1 Length	6.5 cm
Package 1 Weight	270 g

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and 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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