

# XURC3PPML2

Photoelectric sensors XU, XUR, diffuse, color,  
Sn 60 mm, 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
Detection system	Diffuse
Emission	Red, blue and green
[Sn] nominal sensing distance	40 Mm spot Ø 4 mm 50 Mm spot Ø 6 mm 60 mm spot Ø 8 mm
Material	Metal
Supply circuit type	DC
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output type	PNP
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 <sup>2</sup>
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	Tolerance level Operating mode Sensitivity adjustment with teach mode
Depth	57 mm
Height	87 mm
Width	30 mm
Net weight	0.26 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	IP67 conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.5 cm
Package 1 Width	7.8 cm
Package 1 Length	13.3 cm
Package 1 Weight	290.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	10
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	3.352 kg

## 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 <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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