

XURC3PPML2

photo-electric sensor - XUR - diffuse - color -
Sn 60mm - 12..24VDC - cable 2m



Main

Range of product	OsiSense 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	60 mm spot Ø 8 mm 50 mm spot Ø 6 mm 40 mm spot Ø 4 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 ²
Wire insulation material	Vinyl rubber
Cable outer diameter	5.4 mm
Status LED	3 LEDs for output state
[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	1.5 ms programmable by switch 0.8 ms programmable by switch 6 ms programmable by switch
Voltage drop	<= 1.5 V (closed state)
Current consumption	<= 150 mA (no-load)
Time delay range	40 ms on falling edge programmable by switch delay
Setting-up	Operating mode Sensitivity adjustment with teach mode Tolerance level
Depth	57 mm
Height	87 mm
Width	30 mm
Product weight	0.26 kg

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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	<= 3000 lux with halogen light <= 10000 lux with sunlight
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 (5 shocks on each axis) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 3Q2013