

Product data sheet

Characteristics

XUFN5L01L2

plastic fibre optic for sensor - diffuse - color -
2m - Sn10mm



Main

Range of product	OsiSense XU
Sensor name	XUF
[Sn] nominal sensing distance	0.01 m
End fitting type	, specific for colour detection

Complementary

Electronic sensor type	Photo-electric sensor
Sensor design	Fiber design
Product destination	XURC4.PML2
Optic fiber material	PC PMMA
Sheath material	PE
Detection system	Diffuse
Optic fiber use	Color
Optic fiber special features	Focused
Optic fiber length	2 m
External diameter	2.2 mm
Minimum bending radius	40 mm
Fixing mode	By 2 screws
Thread type	M3
Head material	PA66
Optic fiber core	Receiver : 1 x Ø 1.5 mm Transmitter : 1 x Ø 1 mm
Spot diameter	2.5 mm
Net weight	0.03 kg

Environment

Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-20...70 °C
Vibration resistance	+/- 1.5 mm (f= 10...55 Hz) conforming to IEC 60068-2-6 7 gn (f= 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP65 conforming to IEC 60529 IP651 conforming to NF C 20-010

Contractual warranty

Warranty	18 months
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