

Product data sheet

Specifications



Photoelectric sensors XU, plastic fibre optic for sensor, diffuse, flexible, standard, 2 m, Sn55mm

XUFN5S01L2

! Discontinued on: 31 May 2023

! Discontinued

Main

Range of product	Telemecanique Photoelectric sensors XU
Sensor name	XUF
[Sn] nominal sensing distance	0.055 m
End fitting type	, standard thread end fitting

Complementary

Electronic sensor type	Photo-electric sensor
Sensor design	Fiber design
Product destination	XUDA
Optic fiber material	PMMA
Sheath material	PE
Detection system	Diffuse
Optic fiber use	Flexible fibres
Optic fiber length	2 m
External diameter	2.2 mm
Minimum bending radius	4 mm
Thread type	M6 x 0.75
Optic fiber core	2 x Ø 1 mm
Net weight	0.062 kg

Environment

Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °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	IP64 conforming to IEC 60529 IP641 conforming to NF C 20-010

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.500 cm
Package 1 Width	13.300 cm
Package 1 Length	13.500 cm
Package 1 Weight	48.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	849.000 g

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isobutyl 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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

XUFN5S01L2 is replaced by the following product range:

	Photoelectric sensors XU Photo-electric sensors Products: 757
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