Product data sheet
Characteristics

XUFZ920
Photoelectric sensors XU, plastic fibre optic for sensor, single fibre single strand, Ø 2.2/Ø 1 mm, 20 m



Main

Range of Product	Telemecanique Photoelectric sensors XU
Sensor name	XUF
[Sn] nominal sensing distance	0.15 Ft (0.045 m) XUFZ03 axial 0.15 Ft (0.045 m) XUFZ04 frontal 0.15 Ft (0.045 m) XUFZ05 lateral 0.30 ft (0.09 m)
End fitting type	, without 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	Thru beam
Optic fiber use	General use
Optic fiber length	65.62 ft (20 m)
External diameter	0.09 in (2.2 mm)
Minimum bending radius	0.98 in (25 mm)
Optic fiber core	1 x Ø 1 mm
Net Weight	0.09 lb(US) (0.04 kg)

Environment

Ambient Air Temperature for Operation	-13…140 °F (-25…60 °C)
Ambient Air Temperature for Storage	-40…176 °F (-40…80 °C)
Vibration resistance	+/- 1.5 mm 10…55 Hz)IEC 60068-2-6 7 gn 10…55 Hz)IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP64 conforming to IEC 60529 IP641 conforming to NF C 20-010

Ordering and shipping details

Category	22481-SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389110622041
Returnability	No
Country of origin	FR

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.02 in (2.6 cm)
Package 1 Width	5.31 in (13.5 cm)
Package 1 Length	7.28 in (18.5 cm)
Package 1 Weight	3.88 oz (110.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	5.53 lb(US) (2.51 kg)

Offer Sustainability

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

Contractual warranty

Warranty	18 months