

XS112BLFAL2

inductive sensor XS1 M12, L58mm, brass,
Sn2mm, 24..240VAC, cable 2m



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS1
Sensor design	Cylindrical M12
Size	58 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	2 mm
Discrete output function	1 NO
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	24...240 V AC
Switching capacity in mA	5...200 mA
IP degree of protection	IP67 conforming to IEC 60529

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	PPS
Operating zone	0...1.6 mm
Differential travel	1...15% of Sr
Output circuit type	AC
Cable composition	2 x 0.34 mm ²
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20...264 V AC
Maximum residual current	1.5 mA open state
Maximum voltage drop	<7 V (closed)
Maximum delay first up	40 ms
Maximum delay response	10 ms
Maximum delay recovery	15 ms
Marking	CE
Threaded length	58 mm
Length	58 mm
Net weight	0.075 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the company mentioned 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. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	UL[RETURN]CCC[RETURN]CSA
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
----------	-----------