Product data sheet
Characteristics

XS2M08MA230K
Inductive proximity sensors XS, inductive sensor XS2 M8, 24...240VAC/DC, cable



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	2-wire
Output circuit type	AC/DC
Protection type	Short-circuit protection multi voltage
Device application	2-wire DC short-circuit protection
Sensor name	XS2
Sensor design	Cylindrical M8
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NO
Electrical connection	Male connector 1/2"20 UNF, 3 pins
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...200 mA AC/DC overload and short-circuit protection

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel Plated Brass
Differential travel	1...15% of Sr
Status LED	Output state 1 LED yellow) Supply on 1 LED green)
Maximum residual current	1.5 mA open state
Switching frequency	<= 25 Hz DC <= 4000 Hz AC
Maximum voltage drop	<5.5 V closed state)
Maximum delay first up	70 ms
Marking	CE

Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-13…158 °F (-25…70 °C)
Ambient air temperature for storage	-40…185 °F (-40…85 °C)
Vibration resistance	25 gn +/- 2 mm 10…55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-7

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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Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901917540
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 in (4.2 cm)
Package 1 width	2.60 in (6.6 cm)
Package 1 Length	3.70 in (9.4 cm)
Unit Type of Package 2	BAG
Number of Units in Package 2	1
Package 2 Weight	1.20 oz (34 g)
Package 2 Height	0.47 in (1.2 cm)
Package 2 width	7.87 in (20 cm)
Package 2 Length	5.91 in (15 cm)
Unit Type of Package 3	S01
Number of Units in Package 3	11
Package 3 Weight	20.46 oz (580 g)
Package 3 Height	5.91 in (15 cm)
Package 3 width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months