

# XS1M18MA231L1

Inductive proximity sensors XS, inductive sensor XS1 M18, L60mm, brass, Sn5mm, 24...240VAC/DC, cable 5 m



## 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	XS1
Sensor design	Cylindrical M18
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	5 mm
Discrete output function	1 NO
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP68 double insulation conforming to IEC 60529

## Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 304
Operating zone	0...4 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Maximum residual current	1.5 mA open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Maximum voltage drop	<5.5 V (closed state)
Maximum delay first up	40 ms
Maximum delay response	0.2 ms
Maximum delay recovery	0.2 ms
Marking	CE
Threaded length	51 mm

Length	60 mm
Net weight	0.24 kg

## Environment

Product certifications	UL 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 60068-2-7

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	287 g
Package 1 Height	13.3 cm
Package 1 width	8 cm
Package 1 Length	8.2 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>