

# Product data sheet

## Characteristics

# XS1M18MB230

inductive sensor XS1 M18 - L60mm - brass - Sn5mm - 24..240VAC/DC - cable

Price\* : 102.00 USD



⚠ Discontinued

### 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	0.20 in (5 mm)
Discrete output function	1 NC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...300 mA AC overload and short-circuit protection 5...200 mA DC overload and short-circuit protection
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	Nickel Plated Brass
Operating zone	0.00...0.16 in (0...4 mm)

\* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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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) Supply on 1 LED green)
Maximum residual current	1.5 mA open state
Switching frequency	<= 2000 Hz DC <= 25 Hz AC
Maximum voltage drop	<5.5 V closed state)
Maximum delay first up	70 ms
Maximum delay response	2 ms
Maximum delay recovery	4 ms
Marking	CE
Threaded length	2.01 in (51 mm)
Length	2.36 in (60 mm)

## 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

## Ordering and shipping details

Category	22486-SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901915874
Package weight(Lbs)	0.27 lb(US) (0.121 kg)
Returnability	No
Country of origin	FR

## Packing Units

Package 1 Height	0.410 dm
Package 1 width	0.950 dm
Package 1 Length	1.300 dm

## Contractual warranty

Warranty	18 months
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## XS1M18MB230 is replaced by:



### Inductive sensors XS XS618B1MBL2

Inductive proximity sensors XS, inductive sensor XS6 M18, L62mm, brass, Sn8mm, 24...240VAC/DC, cable 2 m

Qty 1

Reason for Substitution: End of life | Substitution date: 30 December 2005