

# Product data sheet

## Characteristics

# XS2M18MA250L2

inductive sensor XS2 M18 - L60mm - brass -  
Sn8mm - 24..240VAC/DC - cable 10m  
Price\*: 178.79 USD



## Commercial status

This Product is Obsolete :

 This Product is Obsolete

## Main

Range of product	OsiSense 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 M18
Size	60 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.31 In (8 mm)
Discrete output function	1 NO
Electrical connection	Cable
Cable length	32.81 Ft (10 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 IEC 60529

## Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0.00...0.25 In (0...6.4 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 Supply on 1 LED green)
Supply voltage limits	20...264 V AC/DC
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	1.73 In (44 mm)
Maximum Height	0.71 In (18 mm)
Length	2.36 In (60 mm)
Net Weight	0.97 Lb(US) (0.44 kg) 0.26 Lb(US) (0.12 kg)

## Environment

Product certifications	CSA CCC 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

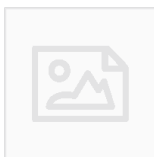
Category	22486-SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901239222
Returnability	No
Country of origin	FR

## Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

XS2M18MA250L2 may be replaced by any of the following products:

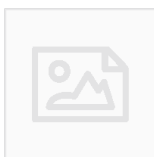


### XS618B1MAL10

inductive sensor XS6 M18 - L62mm - brass - Sn8mm - 24..240VAC/DC - cable 10m

Qty 1

Reason for Substitution: End of life | Substitution date: 01 Jan 2017 | Proximity Switch, 18mm dia



### XS618B1MAL10

inductive sensor XS6 M18 - L62mm - brass - Sn8mm - 24..240VAC/DC - cable 10m

Qty 1

Reason for Substitution: End of life | Substitution date: 13 Jun 2019 |