

## xs1m18ma250k

inductive sensor XS1 M18 - L72mm - brass - Sn5mm  
- 24..240VAC/DC - 1/2"



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	2-wire DC short-circuit protection
Sensor name	XS1
Sensor design	Cylindrical M18
Size	72 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
Output circuit type	AC/DC
Electrical connection	3 pins 1/2"20 UNF male connector
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection 5...300 mA AC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

### Complementary

ISO thread	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...4 mm
Differential travel	1...15% of Sr
Status LED	1 LED green for supply on 1 LED red for output state
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 2000 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 70 ms
Delay response	<= 2 ms
Delay recovery	<= 4 ms
Marking	CE
Threaded length	51 mm
Height	18 mm
Length	72 mm
Product weight	0.06 kg

## Environment

Product certifications	CCC CSA UL
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

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0821 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available