

# XS4P18MA230L2

inductive sensor XS4 M18 - L60mm - PPS -  
Sn8mm - 24..240VAC/DC - cable 10m



## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS4
Sensor design	Cylindrical M18
Size	60 mm
Body type	Fixed
Type of output signal	Discrete
Wiring technique	2-wire
[Sd] sensing range	> 4...8 mm
[Sn] nominal sensing distance	8 mm
Discrete output function	1 NO
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	24...240 V AC/DC (50/60 Hz) 24...240 V
IP degree of protection	IP68 double insulation conforming to IEC 60529

## Complementary

ISO thread	M18 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PPS
Operating zone	0...6.4 mm
Differential travel	1...15% of Sr
Output circuit type	AC/DC
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	20...264 V AC/DC
Residual current	≤ 0.6 mA , open state
Switching capacity in mA	5...200 mA DC 5...300 mA AC
Switching frequency	≤ 2000 Hz DC ≤ 25 Hz AC
Voltage drop	≤ 5.5 V , closed state
Delay first up	≤ 40 ms
Delay response	≤ 0.2 ms
Delay recovery	≤ 0.2 ms
Marking	CE
Threaded length	51.5 mm
Length	60 mm
Product weight	0.42 kg

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## 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 (duration = 11 ms) conforming to IEC 60068-2-27
RoHS EUR conformity date	0810
RoHS EUR status	Compliant