

Product data sheet Characteristics

XS4P08MA230L1

inductive sensor XS4 M8 - L50mm - PPS - Sn2.5mm - 24..240VAC/DC - cable 5m



Important message: We have updated the process for ordering Telemecanique Sensors products. For more information, please contact your Telemecanique Sensors representative in the UK&I at: UK.salesorders@tesensors.comYou can find all product information on the Telemecanique Sensors website: www.tesensors.com/uk/en

www.tesensors.com/uk/en EAN Code: 3389110918953



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS4
Sensor design	Cylindrical M8
Size	50 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	2.5 mm
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	24240 V AC/DC 50/60 Hz
Switching capacity in mA	5100 mA AC/DC
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M8 x 1	
Detection face	Frontal	
Front material	PPS	
Enclosure material	PPS	
Operating zone	02 mm	
Differential travel	115% of Sr	
Cable composition	2 x 0.11 mm²	
Wire insulation material	PVC	
Status LED	Output state: 1 LED (yellow)	
Supply voltage limits	20264 V AC/DC	
Maximum residual current	0.6 mA open state	
Switching frequency	<= 25 Hz AC <= 3000 Hz DC	
Maximum voltage drop	<5.5 V (closed)	
Maximum delay first up	40 ms	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability of these products for specific user applications.
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Maximum delay response	0.2 ms
Maximum delay recovery	0.2 ms
Marking	CE
Threaded length	40 mm
Height	8 mm
Length	50 mm
Net weight	0.15 kg

Environment

Product certifications	UL[RETURN]CCC[RETURN]CSA
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	4.5 cm	
Package 1 Width	8 cm	
Package 1 Length	14.8 cm	
Package 1 Weight	86 g	-

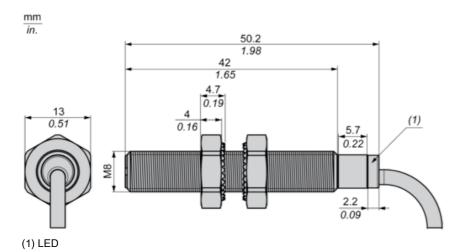
Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	€Yes

Contractual warranty

\A/	40 months	
vvarrantv	18 months	

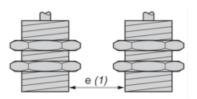
Dimensions



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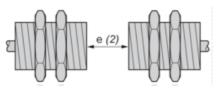
Minimum Mounting Distances

Side by side

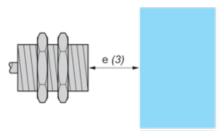


e (1) \geq 10 mm/0.39 in.

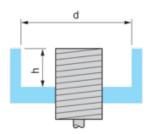
Face to face



e (2) ≥ 30 mm/1.18 in. Facing a metal object

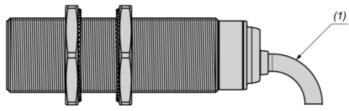


e (3) ≥ 7.5 mm/0.30 in. Mounted in a metal support



 $d \ge 24 \text{ mm/}0.94 \text{ in.}$ h ≥ 5 mm/0.20 in.

Mounting



(1) Bending cable: 4 x external cable diameter

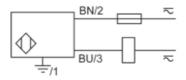
Product data sheet Connections and Schema

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Wiring Schemes

2-Wire AC or DC

NO output



BU : Blue BN : Brown