XS4P08MA230

Inductive proximity sensors XS, inductive sensor XS4 M8, L50mm, PPS, Sn2.5 mm, 24...240VAC/DC, cable 2 m

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	0.10 in (2.5 mm)
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...100 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	0.00…0.08 in (0…2 mm)
Differential travel	1...15% of Sr
Cable composition	2 x 0.11 mm²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	20…264 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
Maximum delay response	0.2 ms
Maximum delay recovery	0.2 ms
Marking	CE
Threaded length	1.57 in (40 mm)
Height	0.31 in (8 mm)
Length	1.97 in (50 mm)

Environment

Product Certifications	UL Ecolab CSA CCC
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 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	3389110912807
Nbr. of units in pkg.	1
Package weight(Lbs)	1.13 oz (32 g)
Returnability	Yes
Country of origin	FR

Packing Units

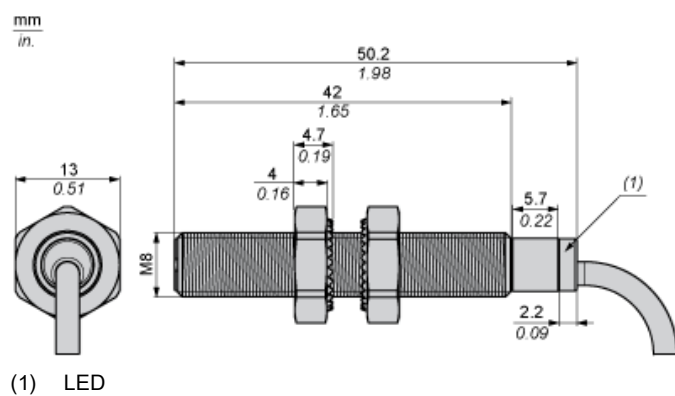|	
Unit Type of Package 1	PCE
Package 1 Height	0.79 in (2 cm)
Package 1 width	4.02 in (10.2 cm)
Package 1 Length	4.61 in (11.7 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Weight	6.32 lb(US) (2.865 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 3 Height	11.81 in (30 cm)

Offer Sustainability

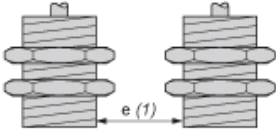|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months

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Dimensions

(1) LED

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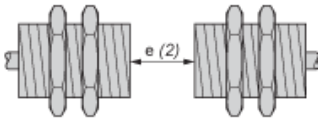## Minimum Mounting Distances
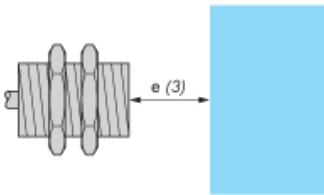
Side by side

e (1) 10 mm/0.39 in.
≥
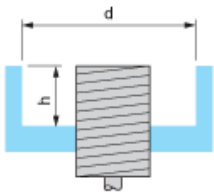
Face to face

e (2) 30 mm/1.18 in.
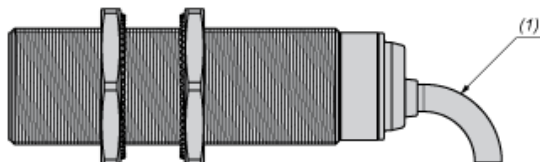≥

Facing a metal object

e (3) 7.5 mm/0.30 in.
≥

Mounted in a metal support
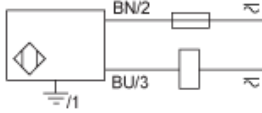
d ≥   24 mm/0.94 in.
h ≥   5 mm/0.20 in.

Mounting

(1)   Bending cable: 4 x external cable diameter

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Wiring Schemes

5

2-Wire AC or DC

NO output

BU : Blue
BN : Brown