XS4P08MA230

inductive sensor XS4 M8 - L50mm - PPS - Sn2.5mm - 24..240VAC/DC - cable 2m

Green Premium™ Product

Product availability: Stock - Normally stocked in distribution facility

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
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 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	00785901912804
Package weight(Lbs)	0.05 kg (0.1 lb(US))
Returnability	Yes
Country of origin	FR

Offer Sustainability

|	
Sustainable offer status	Green Premium product
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

XS4P08MA230
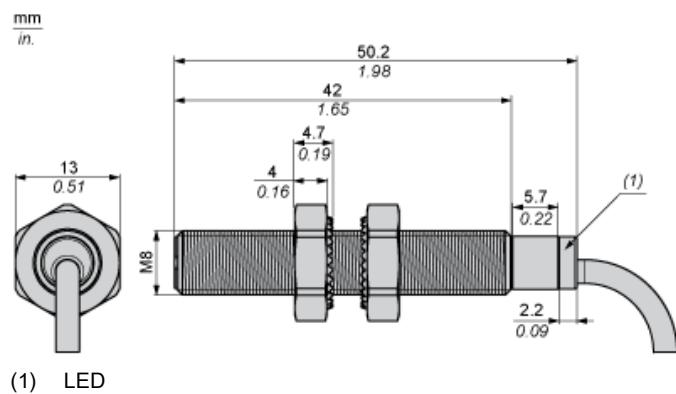
Minimum Mounting Distances

Side by side
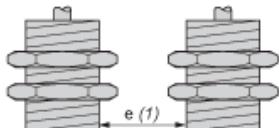
e (1) 10 mm/0.39 in.
≥

Face to face
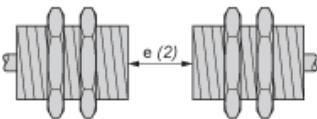
e (2) 30 mm/1.18 in.
≥

Facing a metal object
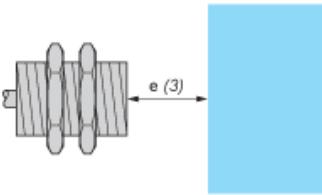
e (3) 7.5 mm/0.30 in.
≥

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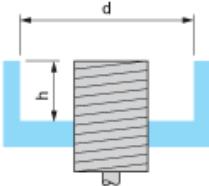
d ≥   24 mm/0.94 in.
h ≥   5 mm/0.20 in.

Mounting
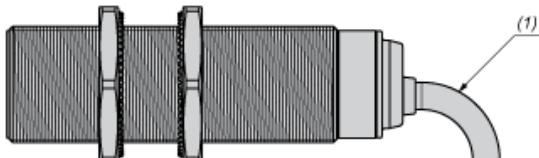
(1)   Bending cable: 4 x external cable diameter

Wiring Schemes

2-Wire AC or DC

NO output

BU : Blue
BN : Brown