XS1M08PC410D

inductive sensor XS1 M8 - L61mm - stainless - Sn1.5mm - 12..24VDC - M12

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	XS1
Sensor design	Cylindrical M8
Size	61 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	0.06 in (1.5 mm)
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Stainless steel 303
Operating zone	0...0.05 in (0...1.2 mm)
Differential travel	1...15% of Sr
Status LED	1 LED yellow output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 5 ms
Delay response	<= 0.1 ms
Delay recovery	<= 0.1 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Height	0.71 in (18 mm)
Length	2.4 in (61 mm)
Product weight	0.06 lb(US) (0.025 kg)

Environment

Product certifications	UL CSA
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 amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

|	
Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901874553
Nbr. of units in pkg.	1
Package weight(Lbs)	8.0000000000000002E-2
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0953 - Schneider Electric declaration of conformity 🔗Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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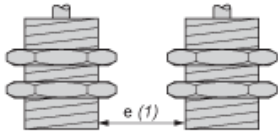XS1M08PC410D

Dimensions
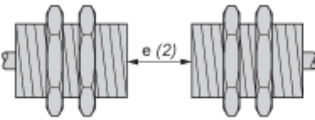
mm
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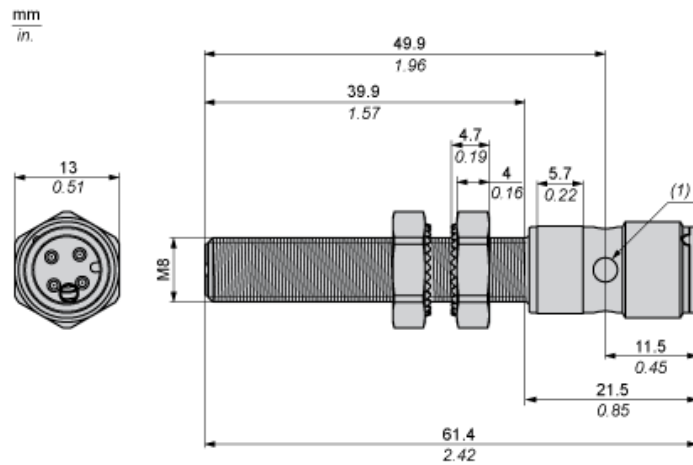
(1)   LED

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Minimum Mounting Distances

Side by side

e (1) ≥ 3 mm/0.12 in.

Face to face

e (2) ≥ 18 mm/0.71 in.
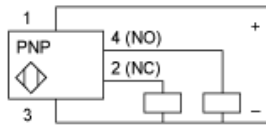
Facing a metal object

e (3) ≥ 4.5 mm/0.18 in.

XS1M08PC410D
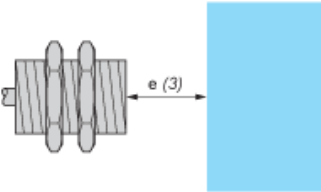
Wiring Schemes

M12 connector

PNP 4-wire

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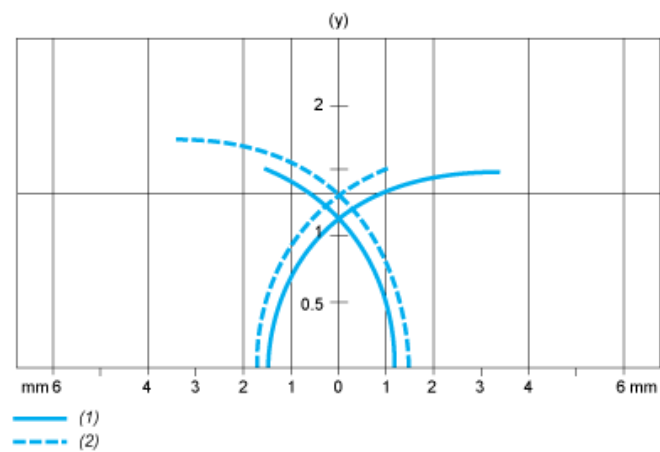## Performance Curves

Standard Steel Target : 8x8x1 mm

(1)   Pick-up points
(2)   Drop-out points (object approaching from the side)
(y)   Sensing distance in mm

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