XS106B3PAM8

inductive sensor XS1 Ø6.5 - L42mm - brass - Sn2mm - 12..24VDC - M8

Green Premium™ Product

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS1
Sensor design	Cylindrical Ø 6.5 mm plain
Size	42 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	2.5 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	M8 male connector, 3 pins
[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	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529
Sale per indivisible quantity	1

Buy online

Complementary

Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	0...2 mm
Differential travel	1...15% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 2500 Hz
Voltage drop	<= 2 V (closed state)
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.2 ms
Delay recovery	<= 0.2 ms
Marking	CE
Length	42 mm

Environment

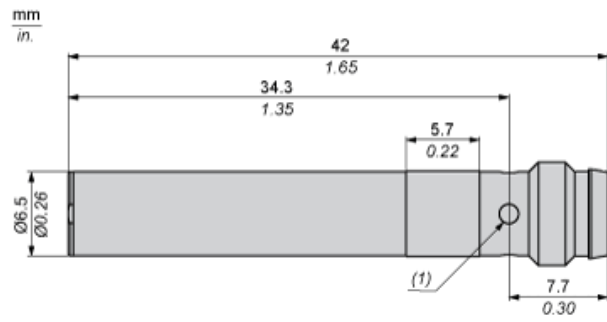|	
Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn, amplitude: +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental
Product end of life instructions	Available End Of Life Manual

Contractual warranty

Warranty period	18 months

Dimensions

(1)   LED

Minimum Mounting Distances in mm

Side by side

e (1) 5 mm/0.20 in.
≥

Face to face
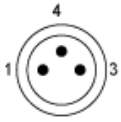

e (2) 30 mm/1.18 in.
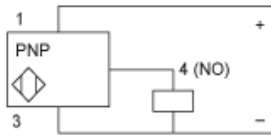≥

Facing a metal object

e (3) 8 mm/0.31 in.
≥

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Wiring Schemes

M8 Connector

PNP

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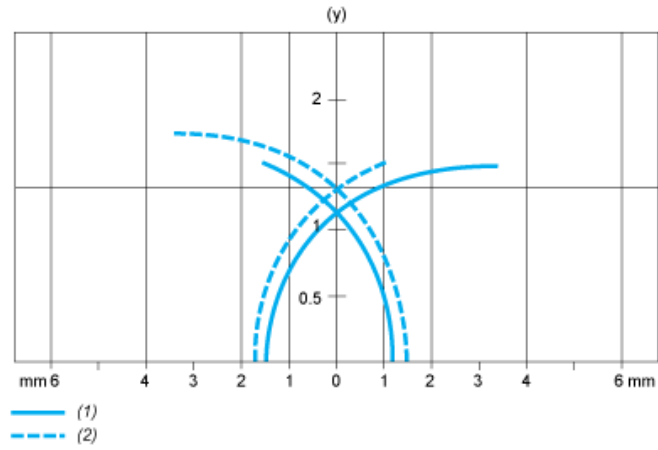## Performance Curves

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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