Product datasheet
Characteristics

XS4P08PA340

inductive sensor XS4 M8 - L33mm - PPS - Sn2.5mm - 12..24VDC - cable 2m

Green Premium™ Product

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	33 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
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	Cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC 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	PPS
Operating zone	0...2 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm²
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 5000 Hz
Voltage drop	<= 2 V (closed
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.1 ms
Delay recovery	<= 0.1 ms
Marking	CE
Threaded length	26 mm
Height	8 mm
Length	33 mm
Product weight	0.025 kg

Schneider Electric

Environment

product certifications	CSA UL Ecolab
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

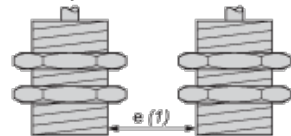|	
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0953 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

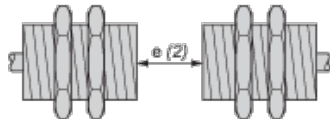## Dimensions
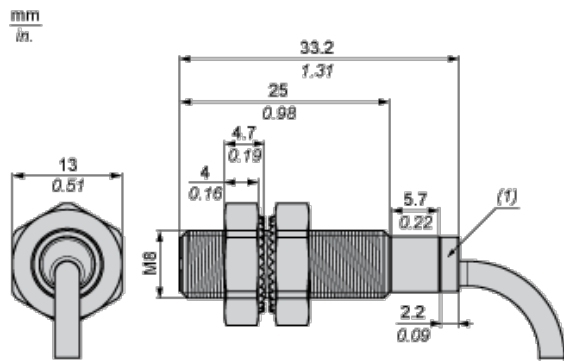
(1)   LED

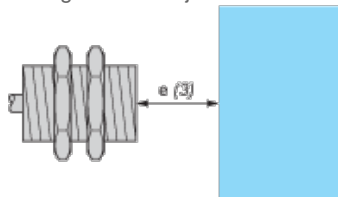## Minimum Mounting Distances

Side by side

e (1) 10 mm/0.39 in.
≥

Face to face

e (2) 30 mm/1.18 in.
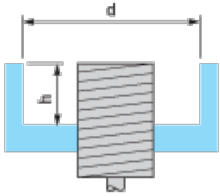≥

Facing a metal object

e (3) 7.5 mm/0.30 in.
≥

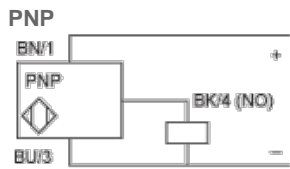Mounted in a metal support

d ≥ 24 mm/0.94 in.

h ≥ 5 mm/0.20 in.

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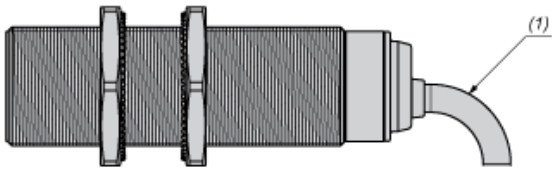
(1) Bending cable: 4 x external cable diameter

Wiring Schemes

PNP

BU : Blue

BN : Brown

BK : Black