

Product data sheet

Characteristics

XS4P08NA340

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

Product availability : Non-Stock - Not normally stocked in distribution facility

Price* : 84.48 USD



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	0.1 in (2.5 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	6.56 ft (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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Operating zone	0...0.08 in (0...2 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm ²

Wire insulation material	PvR
Status LED	1 LED (yellow) 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	1.02 in (26 mm)
Height	0.31 in (8 mm)
Length	1.3 in (33 mm)
Product weight	0.06 lb(US) (0.025 kg)

Environment

Product certifications	CSA UL Ecolab
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 (duration = 11 ms) conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901912828
Nbr. of units in pkg.	1
Package weight(Lbs)	0.12
Returnability	N
Country of origin	FR

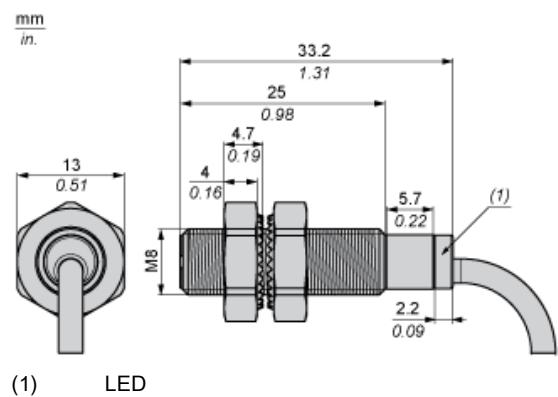
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including: ----- Substance 1 Diisobutyl phthalate (DINP), which is known to the State of California to cause cancer, and ----- Substance 2 Di-isobutyl 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

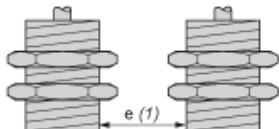
Warranty period	18 months
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Dimensions



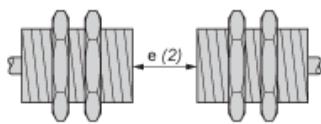
Minimum Mounting Distances

Side by side



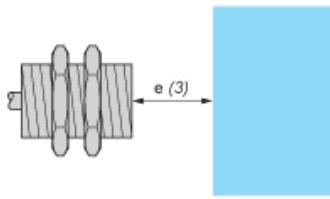
$e (1) \geq 10 \text{ mm/0.39 in.}$

Face to face



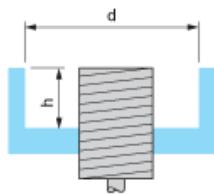
$e (2) \geq 30 \text{ mm/1.18 in.}$

Facing a metal object



$e (3) \geq 7.5 \text{ mm/0.30 in.}$

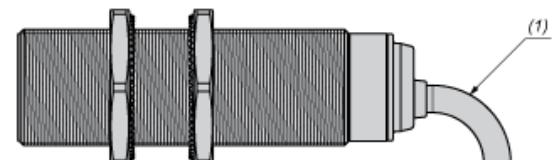
Mounted in a metal support



$d \geq 24 \text{ mm/0.94 in.}$

$h \geq 5 \text{ mm/0.20 in.}$

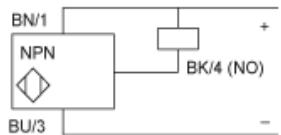
Mounting



(1) Bending cable: 4 x external cable diameter

Wiring Schemes

NPN



BU : Blue

BN : Brown

BK : Black