

XS4P12NA340L2

inductive sensor XS4 M12 - L33mm - PPS - Sn4mm - 12..24VDC - cable 10m



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS4
Sensor design	Cylindrical M12
Size	33 mm
Body type	Fixed
Type of output signal	Discrete
Wiring technique	3-wire
[Sd] sensing range	> 2.5...4 mm
[Sn] nominal sensing distance	4 mm
Discrete output function	1 NO
Discrete output type	NPN
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

ISO thread	M12 x 1
Detection face	Frontal
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PPS
Operating zone	0...3.2 mm
Differential travel	1...15% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...36 V DC
Switching capacity in mA	≤ 200 mA DC with overload and short-circuit protection
Switching frequency	≤ 5000 Hz
Voltage drop	≤ 2 V , closed state
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
Length	33 mm
Product weight	0.38 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
RoHS EUR conformity date	0807
RoHS EUR status	Compliant

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XS4P12NA340L2](#)