

AI906 Inductive Sensor Standard Class Cable 5 m IP67



Order by 2 pm - Shipping on the same working day

14,17 € offline price 14,99 €

Incl. 5.5% online discount for online orders

Overview

- short metal housing (brass, nickel plated) with M12 thread and 5 m PVC cable with open end
- compact & robust design
- sensing range 8 mm; non-flush mountable
- Normally open (NO)
- Protection rating IP67

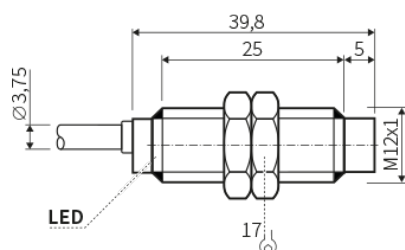
In daily use - proven millions of times over. Products from autosen are under highest quality requirements regarding robustness, insensitivity and reliability.

We offer 5 years warranty - with money-back guarantee!

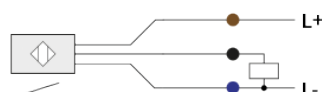
www.autosen.com/AI906

Direct link to the article on autosen.com

Dimensional drawing



Connection & pin assignment



General information

Sensor type	Inductive sensor
Switching frequency	2000Hz
Switching distance	8 mm

Outputs / inputs

Switching output	Normally open (NO)
IO-Link	No

Electrical data

Operating voltage	10 ... 30 V DC
Voltage type	Direct voltage (DC)
Electrical design	PNP
Current carrying capacity max.	200mA
Voltage drop max.	1.8V
Current consumption max.	10mA
Short-circuit protection	Yes
Overload-proof	Yes
Reverse polarity protection	Yes

Mechanical data

Structural shape	Cylindrical with thread
Thread size	M12
Installation type	Not flush
Structural length	42.6 mm
Material of housing	Nickel-plated brass
Material of active surface	PBT
Electrical connection	Open cable
Cable length KL	5 m
Material of cable sheath	PVC

Accuracy

Correction factors	St37 = 1 V2A approx. 0.7 Ms approx. 0.5 Al approx. 0.5 Cu approx. 0.4
Hysteresis	1 ... 20 % of the real switching distance Sr



Ambient conditions

Ambient temperature min.	-25°C
Ambient temperature max.	70°C
Protection rating	IP67

Additional information

Function display	LED Yellow
Accessories included with delivery	2 fastening nuts
EMC test	DIN EN 60947-5-2
Shock resistance test	DIN EN 60947-5-2
Approval	CE cURus



Accessories: Mounting bracket M12



AA902
M12 angle bracket

Unit price: 2,95 €*

Accessories: Switching amplifier / evaluation



AN001
One-channel switching amplifier

Unit price: 80,86 €*



AR003
Speed monitor

Unit price: 139,23 €*

Accessories: M12 connector | 4-pin | plug



AA946
Wireable connector angled M12

Unit price: 7,01 €*



AA921
Wireable connector M12

Unit price: 7,01 €*



AA961
Wireable connector angled M12
IP69k

Unit price: 15,00 €*



AA959
Wireable connector straight M12
IP69k

Unit price: 15,00 €*

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