



AI811 Inductive sensor miniature flush IP67

☞ Normally closed

⇒ 0.8 mm

Ø M5

Order by 2 pm - Shipping on the same working day

19,87 € offline price
~~21,03 €~~

Incl. 5.5% online discount for online orders

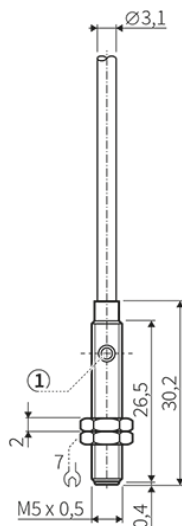
- With cable 2 m PVC
- 5.5% online discount
- Protection rating IP67
- 5-year warranty
- With LED output status indication
- Fast delivery

In daily use - proven millions of times over. Products from autosens are under highest quality requirements regarding robustness, insensitivity and reliability. We offer 5 years warranty - with money-back guarantee!

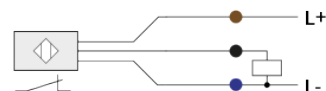
www.autosens.com/AI811

Direct link to the article on autosens.com

Dimensional drawing



Connection & pin assignment



Dimensional drawing legend

1: LED

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 We reserve the right to make technical changes without notice - 6/21/2021



General information

Switching distance	0.8 mm
Switching frequency	5000Hz

Outputs / inputs

Switching output	Normally closed (NC)
IO-Link	No

Electrical data

Operating voltage	10 ... 30 V DC
Voltage type	Direct voltage (DC)
Electrical design	PNP
Current carrying capacity max.	100mA
Voltage drop max.	1.5V
Current consumption max.	10mA
Short-circuit protection	Yes
Overload-proof	Yes
Reverse polarity protection	Yes

Mechanical data

Structural shape	Cylindrical with thread
Thread size	M5
Installation type	Flush
Structural length	30.2 mm
Material of housing	V2A (1.4305)
Material of active surface	PBT
Electrical connection	Open cable
Cable length KL	2 m
Material of cable sheath	PVC

Accuracy

Correction factors	St37 = 1 V2A approx. 0.7 Ms approx. 0.3 Al approx. 0.3 Cu approx. 0.3
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 cULus



Accessories: Switched-mode power supplies/Pulse monitoring



AN001

One-channel switching amplifier

Unit price: 68,28 €*



AR003

Speed monitor

Unit price: 116,34 €*

Accessories: Mounting accessories



AA975

Mounting clamp Ø5 mm

Unit price: 2,17 €*

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