

## AI814 Inductive sensor miniature not flush IP67



↳ Normally open

⇒ 2 mm

Ø 6.5 mm

Order by 2 pm - Shipping on the same working day

**16,81 €** offline price  
17,79 €

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

**[www.autosen.com/AI814](http://www.autosen.com/AI814)**

Direct link to the article on autosen.com

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!

### Dimensional drawing legend

1: LED ring

### General information

Switching distance	2 mm
Switching frequency	7000Hz

### Outputs / inputs

Switching output	Normally open (NO)
IO-Link	No



## Electrical data

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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

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Material of active surface	PBT
Structural shape	Cylindrical
Installation type	Not flush
Material of housing	V2A (1.4305)
Thread size	Ø6.5 mm
Electrical connection	Open cable
Cable length KL	2 m
Material of cable sheath	PVC
Structural length	20.3 mm

## Accuracy

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Correction factors	St37 = 1 V2A approx. 0.5 Ms approx. 0.1 Al approx. 0.1 Cu approx. 0.1
Hysteresis	1 ... 20 % of the real switching distance Sr

## Ambient conditions

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



## Additional information

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Function display	LED Yellow
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

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**AN001**

One-channel switching amplifier

**Unit price: 65,28 €\***



**AR003**

Speed monitor

**Unit price: 115,55 €\***

## Accessories: Mounting accessories

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**AA954**

Mounting clamp Ø6.5 mm

**Unit price: 0,94 €\***

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**Order by telephone**  
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