Baumer
Passion for Sensors

Inductive distance sensors

IF08.D02S-F16.UA1Z.7WCU

Inductive distance sensors - subminiature

Article number: 11173270

Overview

- 0 … 2 mm
- voltage output
- cable PUR, 2 m
- 10 … 60 °C
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Measuring distance Sd	0 … 2 mm
Resolution	< 0,001 mm (stat.) < 0,005 mm (dynam.)
Repeat accuracy	< 0,02 mm
Linearity error	± 120 µm
Temperature drift	± 5 % (Full Scale)
Electrical data	
Response time (factory characteristic)	< 1 ms
Voltage supply range +Vs	12 … 30 VDC
Current consumption max. (no load)	8 mA
Output circuit	Voltage output

Electrical data	
Output signal	0 ... 10 VDC
Load resistance	> 4000 Ohm
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Type	Rectangular
Housing material	Die-cast zinc nickel plated
Dimension	8 mm
Housing length	16 mm
Connection types	Cable PUR, 2 m
Ambient conditions	
Operating temperature	10 … +60 °C
Protection class	IP 67

Remarks

- Extra flat housing
- Through bore for M3 screw

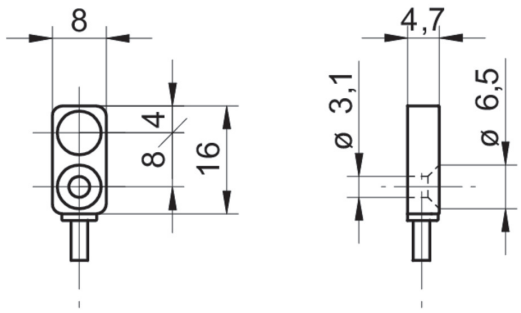
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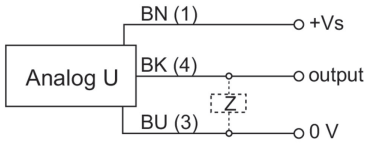
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Dimension drawing



Connection diagram



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