IWRM 30U9502

Inductive distance sensors

Article number: 10243233

Overview

- 5 … 9 mm
- voltage output
- cable, 2 m
- 60 °C
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Measuring distance Sd	5 … 9 mm
Reference distance	6.7 … 7.3 mm
Measuring speed	< 1.5 mm / ms
Repeat accuracy	0.02 mm
Linearity error	± 150 µm
Temperature coefficient	1 µm / (K mm)
Electrical data	
Voltage supply range +Vs	15 … 30 VDC
Current consumption max. (no load)	20 mA
Output circuit	Voltage output
Output signal	1 ... 9 VDC
Load resistance	> 1000 Ohm

Electrical data	
Residual output ripple	< 0.5 % Vs
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Type	Cylindrical threaded
Housing material	Brass nickel plated
Dimension	30 mm
Housing length	60 mm
Connection types	Cable, L=2 m
Tightening torque max.	200 Nm (Front: 140 Nm)
Ambient conditions	
Operating temperature	0 … +60 °C
Protection class	IP 67

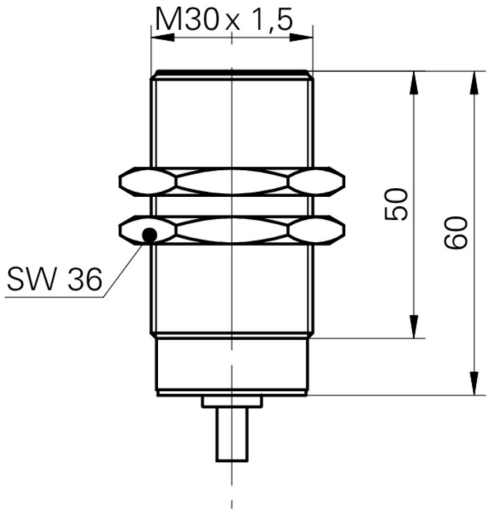
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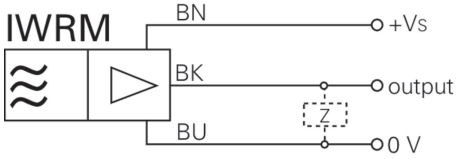
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Dimension drawing



Connection diagram



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