

IWRM 30U9501

Inductive distance sensors

Article number: 10243232

Overview

- 5 ... 10 mm
- voltage output
- cable, 2 m
- 60 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Flush
Measuring distance Sd	5 ... 10 mm
Reference distance	7,1 ... 7,9 mm
Measuring speed	< 1,5 mm / ms
Repeat accuracy	< 0,02 mm
Linearity error	± 200 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

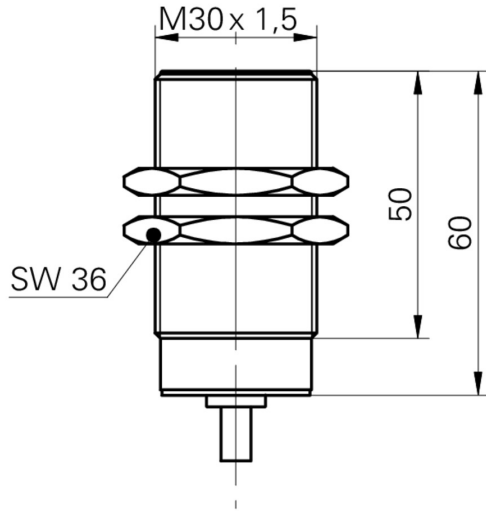
Type	Cylindrical threaded
Housing material	Brass nickel plated
Dimension	30 mm
Housing length	60 mm
Connection types	Cable, 2 m
Tightening torque max.	200 Nm (Front: 140 Nm)

Ambient conditions

Operating temperature	0 ... +60 °C
Protection class	IP 67

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Dimension drawing



Connection diagram

