

**Overview**

- 2 ... 4 mm
- voltage output
- cable, 2 m
- 60 °C
- IP 67



Picture similar



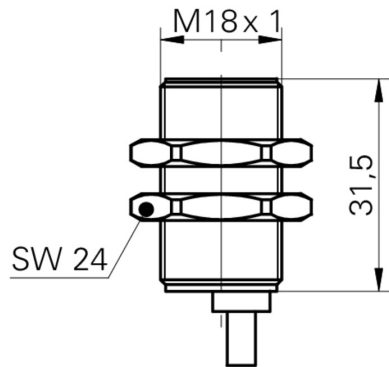
**Technical data**

General data		Electrical data	
Mounting type	Flush	Residual output ripple	< 0.5 % Vs
Measuring distance Sd	2 ... 4 mm	Short circuit protection	Yes
Reference distance	2.8 ... 3.2 mm	Reverse polarity protection	Yes
Measuring speed	< 1 mm / ms	Mechanical data	
Repeat accuracy	0.02 mm	Design	Cylindrical threaded
Linearity error	± 80 µm	Material (sensing face)	PBT
Temperature coefficient	1 µm / (K mm)	Housing material	Brass nickel plated
Electrical data		Dimension	18 mm
Voltage supply range +Vs	15 ... 30 VDC	Housing length	31.5 mm
Current consumption max. (no load)	20 mA	Connection types	Cable, L=2 m
Output circuit	Voltage output	Tightening torque max.	40 Nm (Front: 28 Nm)
Output signal	1 ... 9 VDC	Ambient conditions	
Load resistance	> 1000 Ohm	Operating temperature	0 ... +60 °C
		Protection class	IP 67

2023-08-30 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

# IWRM 18U9512

## Dimension drawing



## Connection diagram

