

**Overview**

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



Picture similar



**Technical data**

**General data**

|                         |                  |
|-------------------------|------------------|
| Mounting type           | Flush            |
| Measuring distance Sd   | 2 ... 5 mm       |
| Reference distance      | 3,25 ... 3,75 mm |
| Measuring speed         | < 1 mm / ms      |
| Repeat accuracy         | < 0,02 mm        |
| Linearity error         | ± 100 µm         |
| Temperature coefficient | 1 µm / (K mm)    |

**Electrical data**

|                                    |                |
|------------------------------------|----------------|
| Voltage supply range +Vs           | 15 ... 30 VDC  |
| Current consumption max. (no load) | 35 mA          |
| Output circuit                     | Current output |
| Output signal                      | 4 ... 20 mA    |
| Load resistance +Vs min.           | < 500 Ohm      |

**Electrical data**

|                             |            |
|-----------------------------|------------|
| Load resistance +Vs max.    | < 1000 Ohm |
| Residual output ripple      | < 0,5 % Vs |
| Short circuit protection    | Yes        |
| Reverse polarity protection | Yes        |

**Mechanical data**

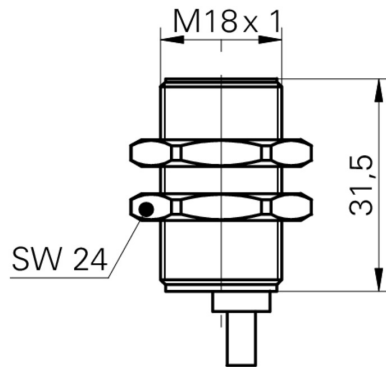
|                        |                      |
|------------------------|----------------------|
| Type                   | Cylindrical threaded |
| Housing material       | Brass nickel plated  |
| Dimension              | 18 mm                |
| Housing length         | 31,5 mm              |
| Connection types       | Cable, 2 m           |
| Tightening torque max. | 40 Nm (Front: 28 Nm) |

**Ambient conditions**

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

# IWRM 18I9511

## Dimension drawing



## Connection diagram

