

## Overview

- 0 ... 2 mm
- voltage output
- flylead connector PUR M8, L=200 mm
- 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.)<br>< 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 |
| Output signal                          | 0 ... 10 VDC   |

### Electrical data

|                             |            |
|-----------------------------|------------|
| Load resistance             | > 4000 Ohm |
| Short circuit protection    | Yes        |
| Reverse polarity protection | Yes        |

### Mechanical data

|                         |                                    |
|-------------------------|------------------------------------|
| Design                  | Rectangular                        |
| Material (sensing face) | PBT                                |
| Housing material        | Die-cast zinc nickel plated        |
| Dimension               | 8 mm                               |
| Housing length          | 16 mm                              |
| Connection types        | Flylead connector PUR M8, L=200 mm |
| Tightening torque max.  | 0.8 Nm                             |

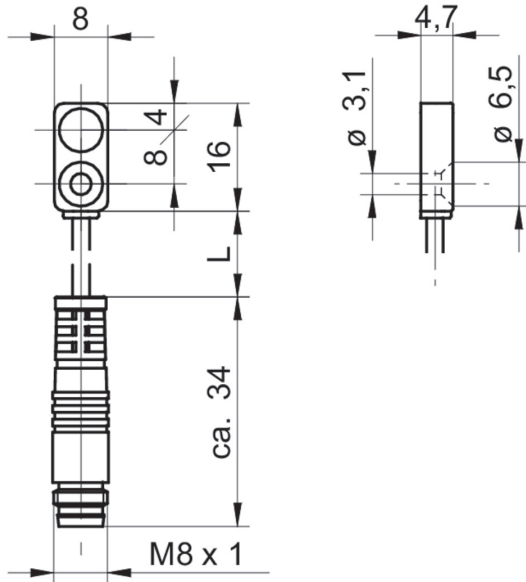
### Ambient conditions

|                       |               |
|-----------------------|---------------|
| Operating temperature | 10 ... +60 °C |
| Protection class      | IP 67         |

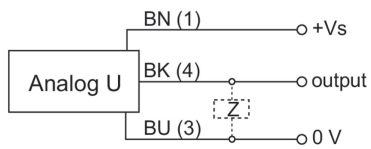
## Remarks

- Extra flat housing
- Through bore for M3 screw
- Standard cable length 200 mm (L)

#### Dimension drawing



#### Connection diagram



#### Pin assignment

