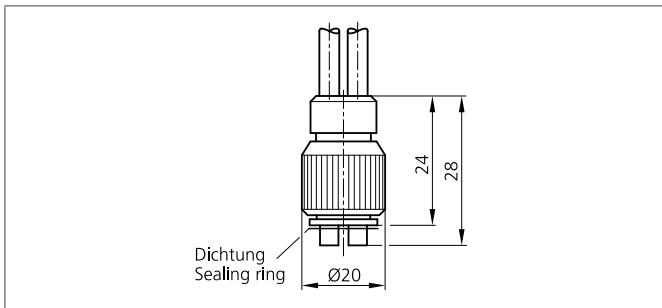
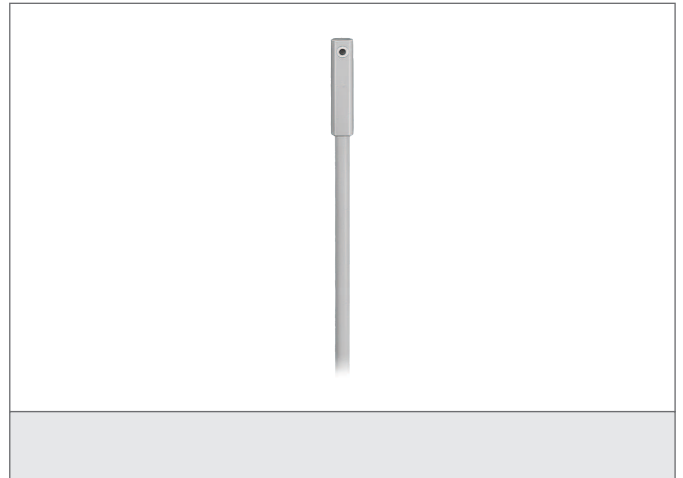


## WRB 230 MR-8.0-2.5

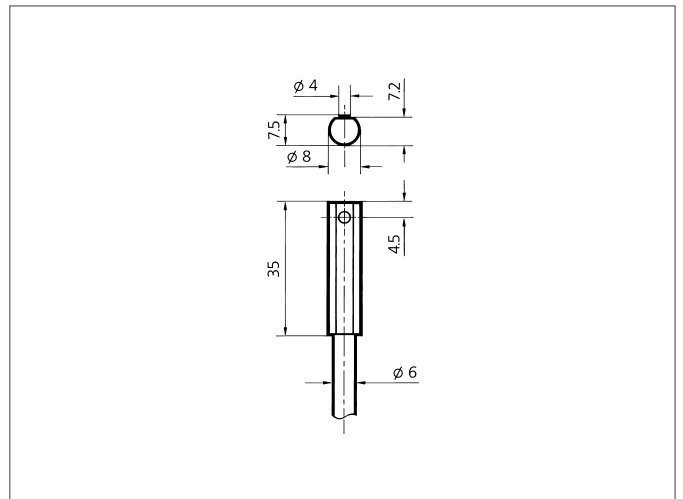
### Glass fiber optic

- High-quality glass fibres
- Resistant to high temperature
- Robust, highly flexible



#### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.  
These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.) |  | +20°C, 24V DC                                                        |
|------------------------------|--|----------------------------------------------------------------------|
| Operating principle          |  | Through beam sensor                                                  |
| Design                       |  | cylinder                                                             |
| Length                       |  | 1.000 mm                                                             |
| Active diameter              |  | Ø 2,5 mm                                                             |
| Opening angle                |  | 67°                                                                  |
| Light outlet                 |  | radial                                                               |
| Operating distance           |  | 800 mm                                                               |
| single fibre                 |  | Ø 0,05 mm                                                            |
| Bending radius               |  | ≥ 10 x tube-Ø                                                        |
| Temperature resistance       |  | -40 ... + 180 °C (short-term up to +300 °C)                          |
| Protection class             |  | IP 60                                                                |
| For                          |  | Amplifier for glass fiber optics                                     |
| Material                     |  | V2A (Sensor probe)<br>glass fibre (Fibre)<br>Metal sleeve (Cladding) |
|                              |  |                                                                      |
|                              |  |                                                                      |
|                              |  |                                                                      |
|                              |  |                                                                      |
|                              |  |                                                                      |
|                              |  |                                                                      |