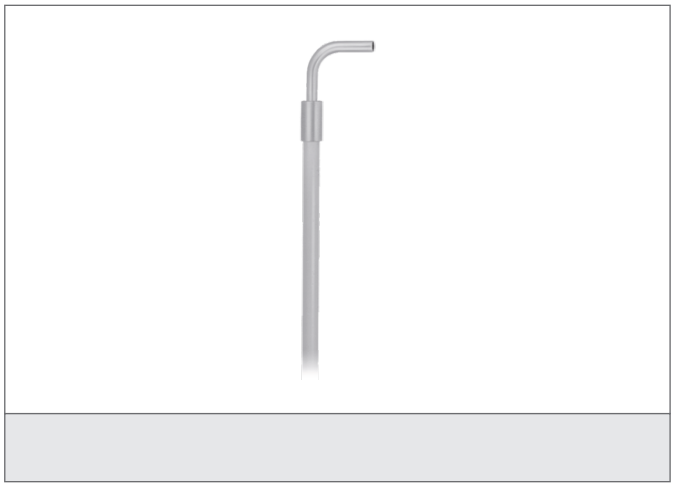
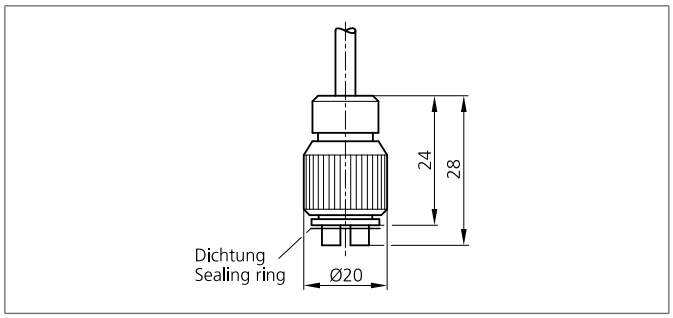
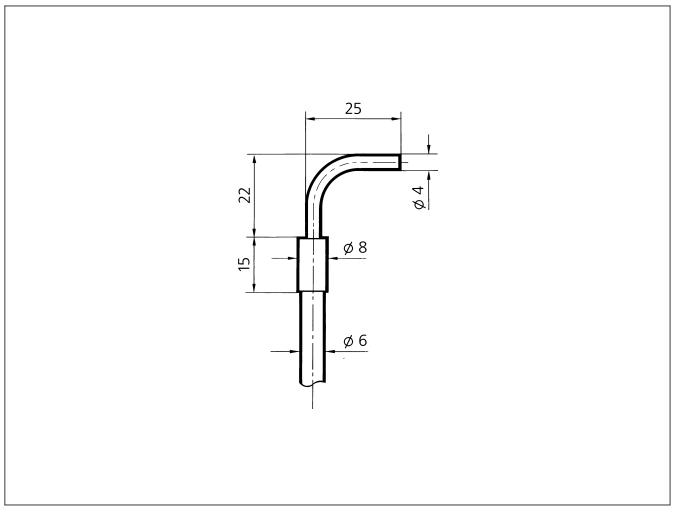
WRB 110 S-90-4.0-2.5
Glass fiber optic

- 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	Diffuse reflective sensor
Design	cylinder
Length	300 mm
Dimension fiber bundles	Ø 2,5 mm
Opening angle	67°
Light outlet	radial
Operating distance	80 mm
single fiber	Ø 0,05 mm
Bending radius	> 3 x tube-Ø
Shock-/vibration load	10 ... 55 Hz / 1,0 mm / 30 g
Temperature resistance	-40 ... + 180 °C (short-term up to +250 °C)
Protection class	IP 67
Suitable for	Amplifier for glass fiber optics
Material	Stainless steel (Sensor probe) glass fiber (Fiber) Silicone-metal sleeve (Cladding)

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