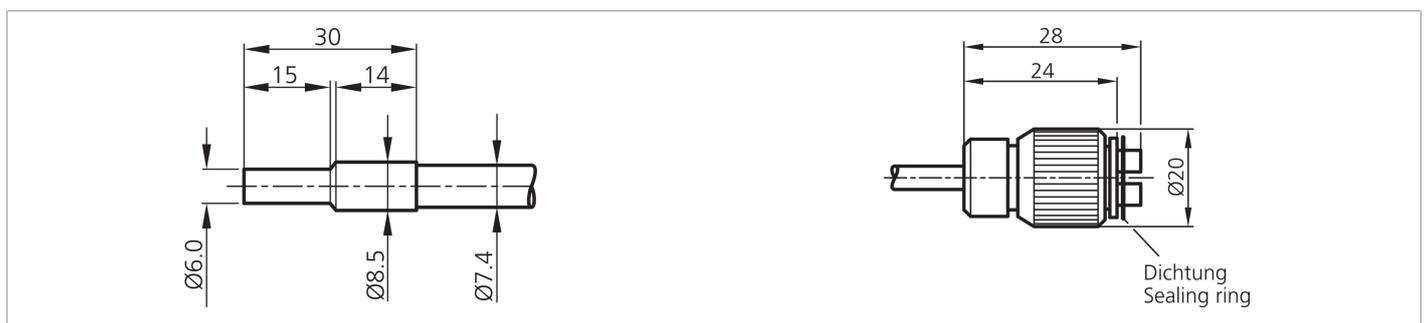




**201993**  
**WRB 120 S-8.5-4.0**  
**Glass fiber optics**

- High-quality glass fibers
- Resistant to high temperatures
- Robust, highly flexible



**Technical data (typ.)**

**+20°C, 24 V DC**

**Mechanical features**

Length	600 mm
Dimension fiber bundle	Ø 4.0 mm
Housing length	14 mm
Light aperture	axial
Mounting diameter	Ø 8.5 mm
Bending radius	> 3 x tube-Ø
Material of fiber	Glass fibers
Material	<ul style="list-style-type: none"> <li>■ Stainless steel (Sensor probe)</li> <li>■ Silicone-metal sleeve (Coating)</li> </ul>

**General features**

Operating principle	Diffuse sensor
Design	Cylinder
Single fiber	Ø 0.05 mm
To be used for	Amplifiers for glass fiber optics

**Optical data**

Opening angle	67°
---------------	-----

**Detection range, measuring range, tolerance limits**

Scanning range	150 mm
----------------	--------

**Ambient conditions**

Temperature resistance	-40 ... +180 °C (temporarily up to +250 °C)
Protection type	IP 67

**More information / accessories**

<https://www.di-soric.com/201993>