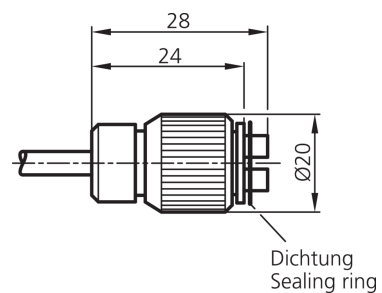
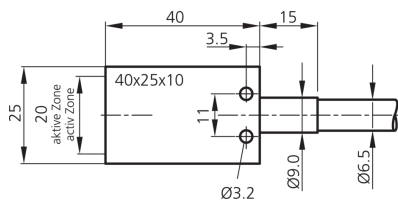




**202003**  
**WRB 120 SQ-20-0.6**  
**Glass fiber optics**

- 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 | 20 mm x 0.6 mm                                                                                                         |
| Housing length         | 40 mm                                                                                                                  |
| Housing height         | 10 mm                                                                                                                  |
| Housing width          | 25 mm                                                                                                                  |
| Light aperture         | axial                                                                                                                  |
| Bending radius         | > 3 x tube-Ø                                                                                                           |
| Material of fiber      | Glass fibers                                                                                                           |
| Material               | <ul style="list-style-type: none"> <li>■ Aluminum (Sensor probe)</li> <li>■ Silicone-metal sleeve (Coating)</li> </ul> |

**General features**

|                     |                                   |
|---------------------|-----------------------------------|
| Operating principle | Diffuse sensor                    |
| Design              | Cuboid design                     |
| 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 | 210 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/202003>