# Glass fiber optic

## LLR 04-1,6-1,0-QW 1X4

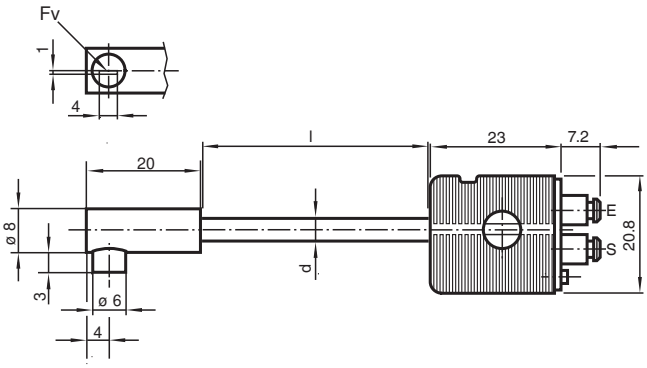


- Chemical-resistant
- Optical face across the direction of fiber



Glass fiber optic - diffuse with metal silicone covering

## Dimensions




## Technical Data

| | | |
|---|---|---|
| **General specifications** | | |
| Fiber optic length | l | 1000 mm |
| Fiber optic diameter | d | 7.3 mm |
| Adapter form | | 04 |
| End piece | | Thread / cylindrical right angle |
| Bending radius | | min. 25 mm |
| Fiber bundle diameter | | 1 x 2.15 mm / optical face: 1 x 3.6 mm$^2$ |
| Fiber configuration | Fv | statistical mixed |
| Opening angle | | approx. 69 ° |
| **Ambient conditions** | | |
| Ambient temperature | | -20 ... 85 °C (-4 ... 185 °F) [Adapter]<br>-40 ... 180 °C (-40 ... 356 °F) [End head and Covering] |
| Storage temperature | | -20 ... 85 °C (-4 ... 185 °F) |
| **Mechanical specifications** | | |
| Degree of protection | | IP65 |
| Material | | |
| Optical face | | glass |

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## Technical Data

| | | |
|---|---|---|
| Sheathing | | Metal-silicon |
| Core | | Glass fiber |
| End piece | | Stainless steel 1.4305 / AISI 303 |
| Adapter | | PVC |
| Extraction force | | at probe at 20°C: 120 N |
| **Fiber optic amplifiers** | | |
| Device series | | MLV41-LL |

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## Application

**Attention:**
Fiber optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



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