



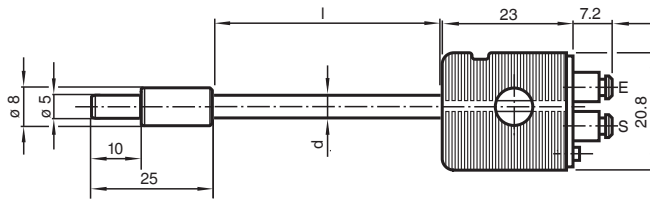
Glass fiber optic LMR 04-1,9-0,5-Z1

- Sturdy metallic housing
- Chemical-resistant



Glass fiber optic - diffuse with metal covering

Dimensions



Technical Data

General specifications

| | | |
|-----------------------|----|-------------------|
| Fiber optic length | l | 500 mm |
| Fiber optic diameter | d | 5 mm |
| Adapter form | | 04 |
| End piece | | Cylindrical |
| Bending radius | | min. 16 mm |
| Fiber bundle diameter | | 1.9 mm |
| Fiber configuration | Fv | optical seperated |
| Angle of divergence | | approx. 68 ° |

Approvals and certificates

| | | |
|-----------|--|----|
| Approvals | | CE |
|-----------|--|----|

Ambient conditions

| | | |
|---------------------|--|--|
| Ambient temperature | | -20 ... 85 °C (-4 ... 185 °F) [Adapter] -50 ... 200 °C (-58 ... 392 °F) [End head and Covering] |
| Storage temperature | | -20 ... 85 °C (-4 ... 185 °F) |

Mechanical specifications

| | | |
|----------------------|--|------|
| Degree of protection | | IP40 |
|----------------------|--|------|

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Technical Data

| | |
|-------------------------------|-----------------------------------|
| Material | |
| Optical face | glass |
| Sheathing | metal (1.4305 / AISI 303) |
| 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 |

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.

