

Glass fiber optic

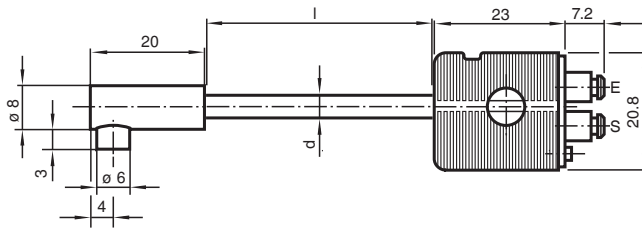
LLR 04-1,6-1,3-W C3



- Chemical-resistant

Glass fiber optic - diffuse with metal silicone covering

Dimensions



Technical Data

General specifications

| | | |
|-----------------------|----|---|
| Fiber optic length | l | 1300 mm |
| Fiber optic diameter | d | 7.3 mm |
| Adapter form | | 04 |
| End piece | | Thread / cylindrical right angle |
| Bending radius | | min. 20 mm |
| Fiber bundle diameter | | 1.8 mm optical face: 2.5 mm ² |
| 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] -40 ... 180 °C (-40 ... 356 °F) [End head and Covering] |
| Storage temperature | | -20 ... 85 °C (-4 ... 185 °F) |

Mechanical specifications

| | | |
|----------------------|--|------|
| Degree of protection | | IP65 |
|----------------------|--|------|

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Technical Data

| | |
|-------------------------------|-----------------------------------|
| Material | |
| Optical face | glass |
| 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 |

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.

