

Glass fiber optic

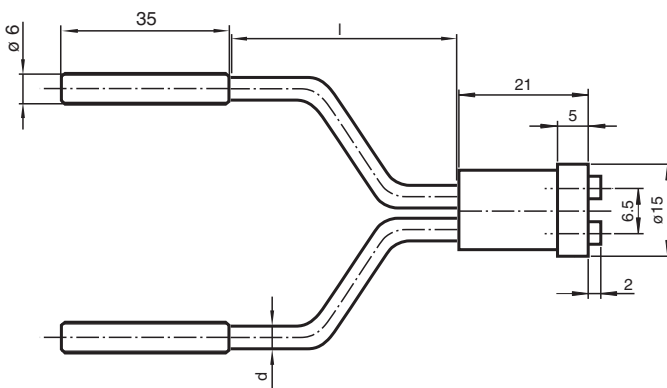
LME 18-2,3-0,5-K7



- Sturdy metallic version
- Chemical-resistant

Glass fiber optic - thru-beam with metal covering

Dimensions



Technical Data

General specifications

| | | |
|-----------------------|---|-------------|
| Fiber optic length | l | 500 mm |
| Fiber optic diameter | d | 5.3 mm |
| Adapter form | | 18 |
| End piece | | Cylindrical |
| Bending radius | | min. 20 mm |
| Fiber bundle diameter | | 2.3 mm |

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

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

| | |
|-------------------------------|-----------------------------------|
| Sheathing | metal |
| Core | Glass fiber |
| End piece | Stainless steel 1.4305 / AISI 303 |
| Adapter | PBT |
| Extraction force | 120 N |
| Fiber optic amplifiers | |
| Device series | VL18LL VariKont M |

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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