

# Glass fiber optic

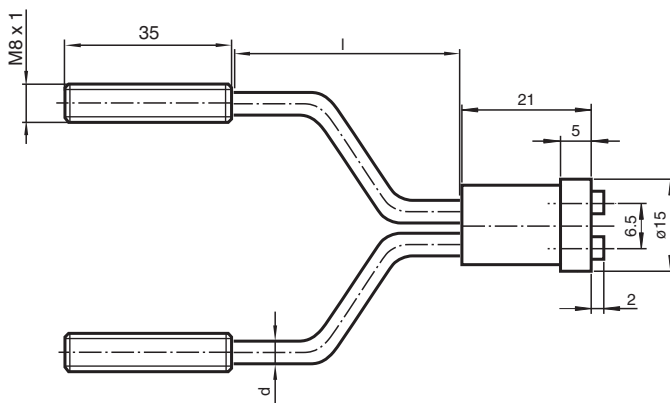
## LME 18-2,3-1,0-K5



- Sturdy metallic version
- Chemical-resistant
- M8 x 1 thread

Glass fiber optic - thru-beam with metal covering

### Dimensions



### Technical Data

#### General specifications

|                       |   |            |
|-----------------------|---|------------|
| Fiber optic length    | l | 1000 mm    |
| Fiber optic diameter  | d | 5.3 mm     |
| Adapter form          |   | 18         |
| End piece             |   | thread     |
| 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]<br>-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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**Technical Data**

|                               |                                   |
|-------------------------------|-----------------------------------|
| Sheathing                     | metal                             |
| Core                          | Glass fiber                       |
| End piece                     | Stainless steel 1.4305 / AISI 303 |
| Adapter                       | PBT                               |
| Extraction force              | 120 N                             |
| <b>Fiber optic amplifiers</b> |                                   |
| Device series                 | VL18LL<br>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.

