



### Model Number

**LME 18-1,9-1,0-K7**

Glass fiber optic - thru-beam with metal covering

### Features

- Sturdy metallic version
- Chemical-resistant

### Series

#### Fiber optic amplifiers

Device series VL18LL  
VariKont M

### Description

#### Attention:

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



### Technical data

#### General specifications

|                       |   |             |
|-----------------------|---|-------------|
| Fiber optic length    | l | 1000 mm     |
| Fiber optic diameter  | d | 5.3 mm      |
| Adapter form          |   | 18          |
| End piece             |   | Cylindrical |
| Bending radius        |   | min. 20 mm  |
| Fiber bundle diameter |   | 1.9 mm      |
| 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

|                   |                                   |
|-------------------|-----------------------------------|
| Protection degree | IP40                              |
| Material          |                                   |
| Optical face      | glass                             |
| Sheathing         | metal                             |
| Core              | Glass fiber                       |
| End piece         | Stainless steel 1.4305 / AISI 303 |
| Adapter           | PBT                               |
| Extraction force  | 120 N                             |

### Dimensions

