



Model Number

LME 18-2,3-1,5-WR

Glass fiber optic - thru-beam with metal covering

Features

- Chemical-resistant
- Sturdy metallic housing

Series

Fiber optic amplifiers

Device series VariKont M
VL18LL

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 | 1500 mm |
| Fiber optic diameter | d | 5.3 mm |
| Adapter form | | 18 |
| End piece | | Thread / cylindrical right angle |
| Bending radius | | min. 22 mm |
| Fiber bundle diameter | | 2.3 mm |
| Approvals | | CE |
| Angle of divergence | | approx. 68 ° |

Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | -20 ... 130 °C (-4 ... 266 °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 | at probe at 20°C: 120 N |

Dimensions

