



Model Number

LMR 18-1,1-0,5-K13

Glass fiber optic - diffuse with metal covering  
Threading M8

Features

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

Series

Fiber optic amplifiers

|               |                      |
|---------------|----------------------|
| Device series | VL18LL<br>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  | 500 mm                           |
| Fiber optic diameter  | d  | 5.3 mm                           |
| Adapter form          |    | 18                               |
| End piece             |    | Thread / cylindrical right angle |
| Bending radius        |    | min. 20 mm                       |
| Fiber bundle diameter |    | 1.1 mm                           |
| Fiber configuration   | Fv | optical seperated                |
| Approvals             |    | CE                               |
| Angle of divergence   |    | 68 °                             |

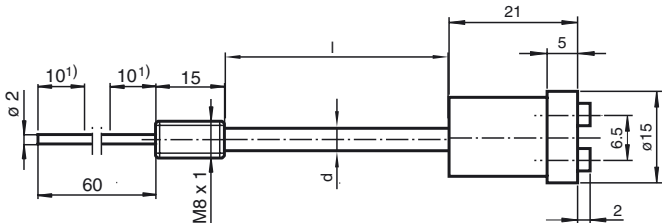
Ambient conditions

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| 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

|                   |                                   |
|-------------------|-----------------------------------|
| 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



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