



Model Number

LMR 18-2x2,3-5,0-K4

Glass fiber optic - diffuse with metal co-  
vering  
Threading M10

Features

- Sturdy metallic version
- Chemical-resistant
- M10 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 destruc-  
tion. Contact with petrol or organic solvents  
must be prevented.



Technical data

General specifications

|                       |    |                   |
|-----------------------|----|-------------------|
| Fiber optic length    | l  | 5000 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            |
| Fiber configuration   | Fv | optical seperated |
| Approvals             |    | CE                |
| Angle of divergence   |    | 68 °              |

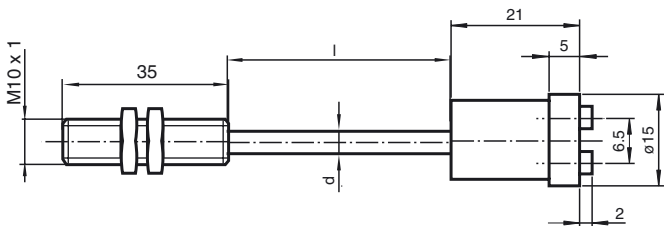
Ambient conditions

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



Release date: 2010-07-14 16:38 Date of issue: 2010-10-28 021735\_ENG.xml