



## Model Number

LLR 04-1,6-1,0-G(M6x30)

Glass fiber optic - diffuse with metal silicone covering

## Features

- Chemical-resistant

## Series

## Fiber optic amplifiers

|               |          |
|---------------|----------|
| Device series | MLV41-LL |
|---------------|----------|

#### Description

**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.



## Technical data

### General specifications

|                       |    |                                           |
|-----------------------|----|-------------------------------------------|
| Fiber optic length    | l  | 1000 mm                                   |
| Fiber optic diameter  | d  | 7.3 mm                                    |
| Adapter form          |    | 04                                        |
| End piece             |    | thread                                    |
| Bending radius        |    | min. 20 mm                                |
| Fiber bundle diameter |    | 1.6 mm<br>optical face: 2 mm <sup>2</sup> |
| Fiber configuration   | Fv | optical seperated                         |
| Angle of divergence   |    | approx. 68 °                              |

## Ambient conditions

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| Ambient temperature | -20 ... 85 °C (-4 ... 185 °F) [Adapter]<br>-40 ... 180 °C (-40 ... 356 °F) [End head and Covering] |
| Storage temperature | -20 ... 85 °C (-4 ... 185 °F)                                                                      |

### Mechanical specifications

|                   |                                   |
|-------------------|-----------------------------------|
| Protection degree | IP65                              |
| Material          |                                   |
| Optical face      | glass                             |
| Sheathing         | Metal-silicon                     |
| Core              | Glass fiber                       |
| End piece         | Stainless steel 1.4305 / AISI 303 |
| Adapter           | PVC                               |
| Extraction force  | at probe at 20°C: 120 N           |

## Dimensions

