



### Model Number

**LHR 00-0,8-2,0-20M4**

Glass fiber optic - diffuse with silicon covering

Threading M4 / M2, 6

### Features

- Chemical-resistant
- Thread M2.6 / M4
- High temperature rated to 180 °C
- High flexible

### Series

#### Fiber optic amplifiers

Device series SU18 ; SU18/35 ; SU19

### Description

#### Attention:

Fibre optics must not be twisted or kinked. Excessive tensile loads will lead to destruction.



### Accessories

#### OMH-LL-M4

Mounting bracket

### Technical data

#### General specifications

|                       |    |   |
|-----------------------|----|---|
| Sensor range          |    | SU18: 40 mm<br>SU18/35: 195 mm<br>SU19: 40 mm |
| Fiber optic length    | l  | 2000 mm                                       |
| Fiber optic diameter  | d  | 3 mm  |
| Adapter form          |    | 00  |
| End piece             |    | thread  |
| Bending radius        |    | 5 mm static                                   |
| Fiber bundle diameter |    | 0.8 mm  |
| Fiber configuration   | Fv | optical separated                             |
| Angle of divergence   |    | 68 °  |

#### Ambient conditions

|                     |  |   |
|---------------------|--|---|
| Ambient temperature |  | -30 ... 80 °C (-22 ... 176 °F) [Adapter]<br>-40 ... 180 °C (-40 ... 356 °F) [End head and Covering] |
|---------------------|--|---|

#### Mechanical specifications

|                  |  |                                   |
|------------------|--|-----------------------------------|
| Material         |  |                                   |
| Optical face     |  | glass                             |
| Sheathing        |  | silicon                           |
| Core             |  | Glass fiber                       |
| End piece        |  | Stainless steel 1.4305 / AISI 303 |
| Adapter          |  | Stainless steel                   |
| Extraction force |  | 50 N                              |

### Dimensions

