



### 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 seperated                          |
| 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

