

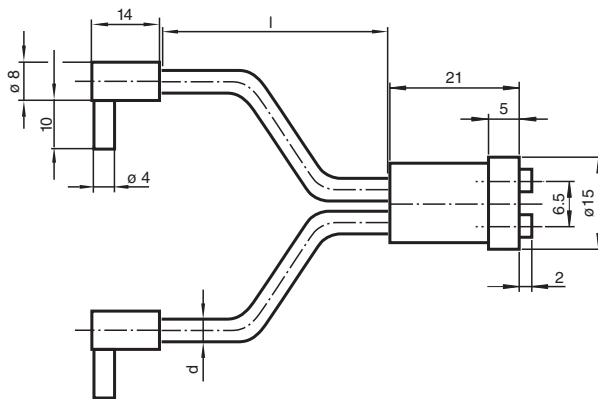
# Glass fiber optic LSE 18-1,9-3,0-K9

■ Chemical-resistant



Glass fiber optic - thru-beam with silicon covering

## Dimensions



## Technical Data

### General specifications

|                       |   |                                  |
|-----------------------|---|----------------------------------|
| Fiber optic length    | l | 3000 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 |   | 1.9 mm                           |

### Approvals and certificates

|           |    |
|-----------|----|
| Approvals | CE |
|-----------|----|

### 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

|                      |       |
|----------------------|-------|
| Degree of protection | IP65  |
| Material             |       |
| Optical face         | glass |

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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**PEPPERL+FUCHS**

**Technical Data**

|                               |                                   |
|-------------------------------|-----------------------------------|
| Sheathing                     | silicone                          |
| Core                          | Glass fiber                       |
| End piece                     | Stainless steel 1.4305 / AISI 303 |
| Adapter                       | PBT                               |
| Extraction force              | 70 N                              |
| <b>Fiber optic amplifiers</b> |                                   |
| Device series                 | VL18LL<br>VariKont M              |

## Application

**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.

