

# Glass fiber optic

## LSE 18-2,3-0,5-K5

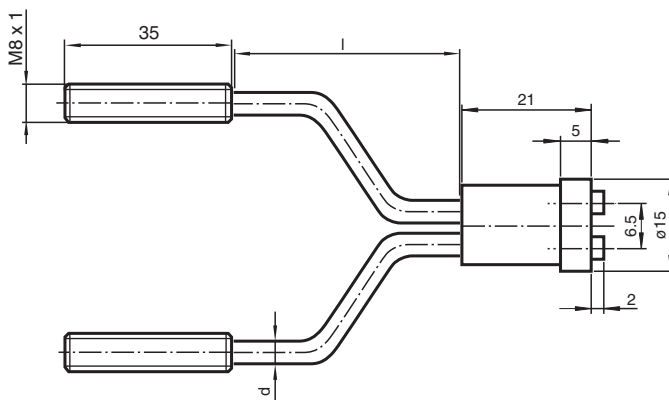


- Chemical-resistant
- M8 x 1 thread



Glass fiber optic - thru-beam with silicon covering

### Dimensions



### Technical Data

#### General specifications

|                       |   |            |
|-----------------------|---|------------|
| Fiber optic length    | l | 500 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     |

#### 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 |

Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 024744\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

**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.

