



### Model Number

#### LSE 18-2,3-0,5-K2

Glass fiber optic - thru-beam with silicon covering  
Threading M8

### Features

- Chemical-resistant
- M8 x 1 thread

### 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 | 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             |   | 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

|                   |                                   |
|-------------------|-----------------------------------|
| Protection degree | IP65                              |
| Material          |                                   |
| Optical face      | glass                             |
| Sheathing         | silicon                           |
| Core              | Glass fiber                       |
| End piece         | Stainless steel 1.4305 / AISI 303 |
| Adapter           | PBT                               |
| Extraction force  | 70 N                              |

### Dimensions

