



### Model Number

#### LSR 18-3,2-1,5-K6

Glass fiber optic - diffuse 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  | 1500 mm           |
| Fiber optic diameter  | d  | 5.3 mm            |
| Adapter form          |    | 18                |
| End piece             |    | thread            |
| Bending radius        |    | min. 20 mm        |
| Fiber bundle diameter |    | 3.2 mm            |
| Fiber configuration   | Fv | optical separated |
| Approvals             |    | CE                |
| Angle of divergence   |    | 68 °              |

#### Ambient conditions

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| Ambient temperature | -20 ... 85 °C (-4 ... 185 °F) [Adapter]                 |
|                     | -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

