



### Model Number

**LSR 18-3,2-2,0-K10**

Glass fiber optic - diffuse with silicon covering

### Features

- Chemical-resistant

### 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  | 2000 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 |    | 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

