

# Glass fiber optic

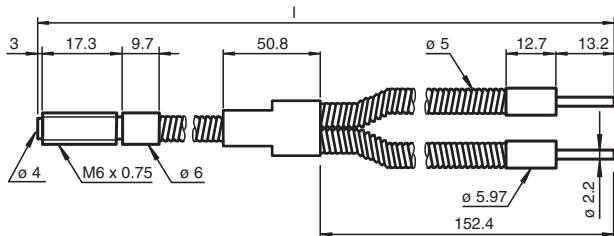
## LMR 00-2,0-1,0-K156



- Thread M6
- High-temperature applications

Glass fiber optic - diffuse

### Dimensions



### Technical Data

#### General specifications

|                      |                                                 |         |
|----------------------|-------------------------------------------------|---------|
| Sensor range         | SU18: 116 mm<br>SU18/35: 190 mm<br>SU19: 116 mm |         |
| Fiber optic length   | l                                               | 1000 mm |
| Fiber optic diameter | d                                               | 2 mm    |
| Adapter form         | 00                                              |         |
| End piece            | thread                                          |         |
| Bending radius       | min. 30 mm                                      |         |
| Angle of divergence  | approx. 68 °                                    |         |

#### Ambient conditions

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Ambient temperature | -55 ... 200 °C (-67 ... 392 °F) [Covering]<br>-55 ... 250 °C (-67 ... 482 °F) [End head] |
|---------------------|------------------------------------------------------------------------------------------|

#### Mechanical specifications

|              |                                   |
|--------------|-----------------------------------|
| Material     |                                   |
| Optical face | glass                             |
| Sheathing    | stainless steel 1.4301 / AISI 304 |
| Core         | glass                             |
| End piece    | stainless steel 1.4301 / AISI 304 |

#### Fiber optic amplifiers

|               |                       |
|---------------|-----------------------|
| Device series | SU18 ; SU18/35 ; SU19 |
|---------------|-----------------------|

### Installation

**Note:** If after installing the device the yellow signal indicator lights up or flashes, the sensor detects a nonexisting object. Reduce the sensitivity of the sensor.

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**Accessories****OMH-LL-M6**

Mounting bracket for fiber optic cable, M6 thread

## 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.

