



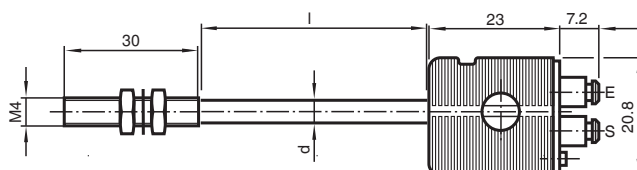
## Glass fiber optic LCR 04-1,1-2,0-G

■ M4 x 30 thread



Glass fiber optic - diffuse with PVC covering

### Dimensions



### Technical Data

#### General specifications

|                       |    |                                             |
|-----------------------|----|---------------------------------------------|
| Fiber optic length    | l  | 2000 mm                                     |
| Fiber optic diameter  | d  | 3.6 mm                                      |
| Adapter form          |    | 04                                          |
| End piece             |    | thread                                      |
| Bending radius        |    | min. 15 mm                                  |
| Fiber bundle diameter |    | 1.8 mm<br>optical face: 2.5 mm <sup>2</sup> |
| Fiber configuration   | Fv | optical seperated                           |
| Angle of divergence   |    | approx. 69 °                                |

#### Approvals and certificates

|           |    |
|-----------|----|
| Approvals | CE |
|-----------|----|

#### Ambient conditions

|                     |                               |                         |
|---------------------|-------------------------------|-------------------------|
| Ambient temperature | -20 ... 85 °C (-4 ... 185 °F) | [Adapter]               |
|                     | -20 ... 85 °C (-4 ... 185 °F) | [End head and Covering] |
| Storage temperature | -20 ... 85 °C (-4 ... 185 °F) |                         |

#### Mechanical specifications

|                      |      |
|----------------------|------|
| Degree of protection | IP65 |
|----------------------|------|

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

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**PEPPERL+FUCHS**

**Technical Data**

|                               |  |                                   |
|-------------------------------|--|-----------------------------------|
| Material                      |  |                                   |
| Optical face                  |  | glass                             |
| Sheathing                     |  | PVC                               |
| Core                          |  | Glass fiber                       |
| End piece                     |  | Stainless steel 1.4305 / AISI 303 |
| Adapter                       |  | PVC                               |
| Extraction force              |  | at probe at 20°C: 120 N           |
| <b>Fiber optic amplifiers</b> |  |                                   |
| Device series                 |  | MLV41-LL                          |

## 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.

