## Technical data

| | | |
|---|---|---|
| **General specifications** | | |
| Fiber optic length | l | 1000 mm |
| Fiber optic diameter | d | 2.7 mm |
| Adapter form | | 04 |
| End piece | | Cylindrical |
| Bending radius | | min. 10 mm |
| Fiber bundle diameter | | 1.8 mm<br>optical face: 2.5 mm$^2$ |
| Angle of divergence | | approx. 68 ° |
| **Ambient conditions** | | |
| Ambient temperature | | -20 ... 85 °C (-4 ... 185 °F) [Adapter]<br>-20 ... 85 °C (-4 ... 185 °F) [End head and Covering] |
| Storage temperature | | -20 ... 85 °C (-4 ... 185 °F) |
| **Mechanical specifications** | | |
| Protection degree | | IP65 |
| 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 |

## Model Number

**LCE 04-1,6-1,0-Z1**

Glass fiber optic - thru-beam with PVC covering

## Series

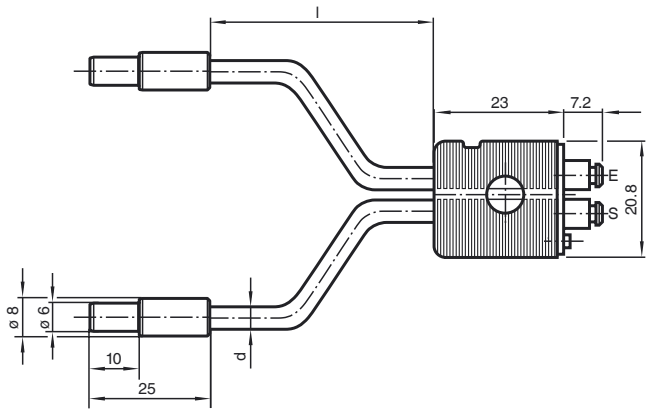
**Fiber optic amplifiers**

| | |
|---|---|
| Device series | MLV41-LL |

## 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.

## Dimensions




Release date: 2013-09-16 13:31 Date of issue: 2013-09-16 415850_eng.xml