



### Model Number

**LLE 18/30-2,3-0,5-Z1**

Glass fibre optic - thru beam with metal-silicone-covering

### Series

Fiber optic amplifiers

Device series GLV30

### Description

#### Attention:

Fibre 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 | 500 mm                                      |
| Fiber optic diameter  | d | 5.3 mm                                      |
| Adapter form          |   | 18/30                                       |
| End piece             |   | Cylindrical                                 |
| Bending radius        |   | min. 22 mm                                  |
| Fiber bundle diameter |   | 2.3 mm<br>optical face: 4.2 mm <sup>2</sup> |
| Approvals             |   | CE  |
| Angle of divergence   |   | approx. 68 °                                |

#### Ambient conditions

|                     |  |  |
|---------------------|--|--|
| Ambient temperature |  | -20 ... 95 °C (-4 ... 203 °F) [Adapter]<br>-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         |  | Metal-silicon                     |
| Core              |  | Glass fiber                       |
| End piece         |  | Stainless steel 1.4305 / AISI 303 |
| Adapter           |  | Polyamide PA 6.6                  |
| Extraction force  |  | at probe at 20°C: 120 N           |

### Dimensions

