



Model Number

LLE 18/30-2,3-1,0-WC0

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

Series

Fiber optic amplifiers

Device series      RL5-LL 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 | 1000 mm               |
| Fiber optic diameter  | d | 5.3 mm                |
| Adapter form          |   | 18/30                 |
| End piece             |   | Side view / Periscope |
| Bending radius        |   | min. 22 mm            |
| Fiber bundle diameter |   | 2.3 mm                |
| Approvals             |   | CE                    |
| Angle of divergence   |   | approx. 68 °          |

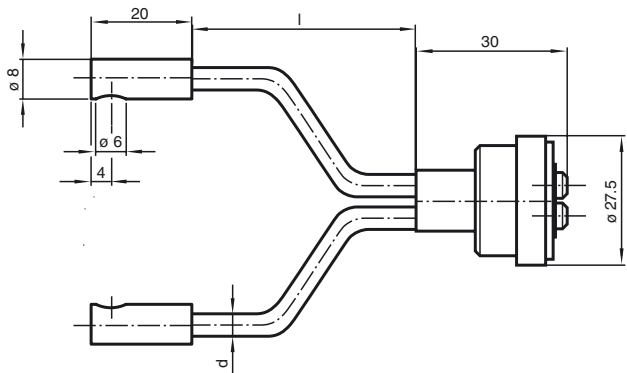
Ambient conditions

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| 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



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