



### Model Number

**LLE 18/30-2,3-1,0-Z1**

Glass fiber optic - thru-beam with metal/silicon covering and bundled lens

### Series

Fiber optic amplifiers

Device series GLV30

### 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.



### Technical data

#### General specifications

Detection range		300 mm
Fiber optic length	l	1000 mm
Fiber optic diameter	d	5.9 mm
Adapter form		18/30
End piece		Cylindrical and bundled lens
Bending radius		min. 22 mm
Fiber bundle diameter		2.3 mm optical face: 4.2 mm <sup>2</sup>
Angle of divergence		approx. 68 °

#### Ambient conditions

Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter] -40 ... 180 °C (-40 ... 356 °F) [End head and Covering]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Degree of protection		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

