

# Glass fiber optic

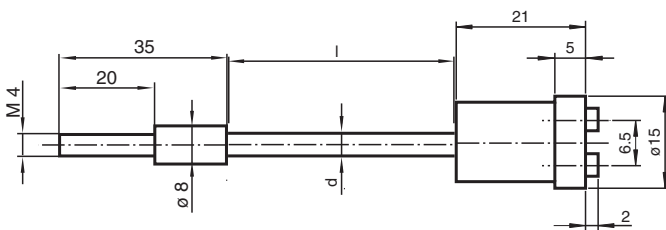
## LMR 18-2,3-0,25-K3



- Sturdy metallic version
- Chemical-resistant
- Thread M4

Glass fiber optic - diffuse with metal covering

### Dimensions



### Technical Data

#### General specifications

Fiber optic length	l	250 mm
Fiber optic diameter	d	5 mm
Adapter form		18
End piece		thread
Bending radius		min. 20 mm
Fiber bundle diameter		active 1.6 mm optical face: 2 mm <sup>2</sup>
Fiber configuration	Fv	optical seperated
Angle of divergence		68 °

#### Approvals and certificates

Approvals		CE
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#### Ambient conditions

Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter] -50 ... 200 °C (-58 ... 392 °F) [End head and Covering]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Degree of protection		IP40
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## Technical Data

<b>Material</b>	
Optical face	glass
Sheathing	metal
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PBT
Extraction force	at probe at 20°C: 120 N
<b>Fiber optic amplifiers</b>	
Device series	VL18LL VariKont M

## 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.

