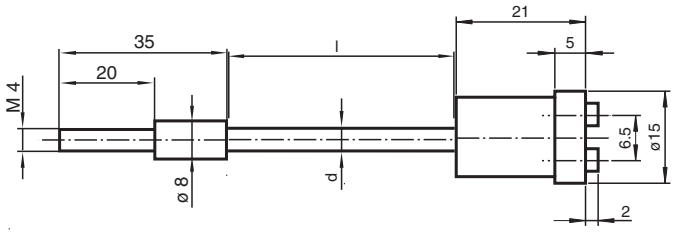
Glass fiber optic

LMR 18-2,3-1,0-K3

- Sturdy metallic version
- Chemical-resistant
- Thread M4

Glass fiber optic - diffuse with metal covering

Dimensions



Technical Data

General specifications		
Fiber optic length	l	1000 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^2
Fiber configuration	Fv	optical seperated
Angle of divergence		68 °
Approvals and certificates		
Approvals		CE
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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Technical Data

Material		
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
Fiber optic amplifiers		
Device series		VL18LL VariKont M

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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.

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