

Glass fiber optic

LMR 18-1,1-0,5-K9

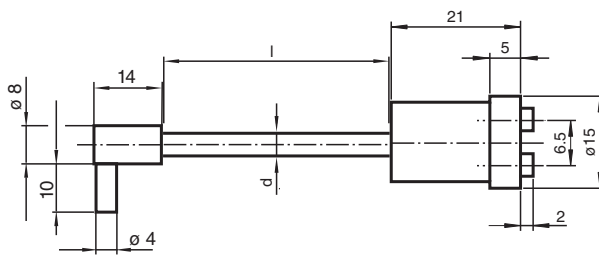


- Sturdy metallic version
- Chemical-resistant



Glass fiber optic - diffuse with metal covering

Dimensions



Technical Data

General specifications

Fiber optic length	l	500 mm
Fiber optic diameter	d	5 mm
Adapter form		18
End piece		Cylindrical right angle
Bending radius		min. 20 mm
Fiber bundle diameter		0.8 mm
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
Material	

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Optical face	glass
Sheathing	metal
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PBT
Extraction force	120 N
Fiber optic amplifiers	
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.

