

Glass fiber optic

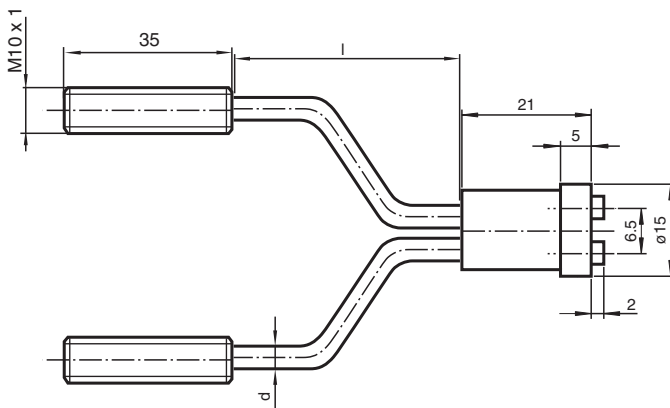
LME 18-1,9-12,0-K4



- Sturdy metallic version
- Chemical-resistant
- M10 x 1 thread

Glass fiber optic - thru-beam with metal covering

Dimensions



Technical Data

General specifications		
Fiber optic length	l	12 m
Fiber optic diameter	d	5 mm
Adapter form		18
End piece		thread
Bending radius		min. 18 mm
Fiber bundle diameter		1.9 mm
Angle of divergence		68 °
Approvals and certificates		
Approvals		CE
Ambient conditions		
Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter] -50 ... 260 °C (-58 ... 500 °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	at probe at 20°C: 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.



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