

Glass fiber optic

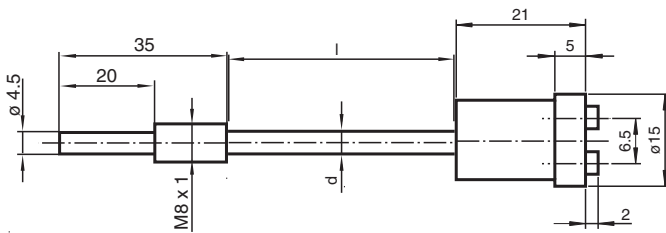
LMR 18-1,1-0,5-K2



- Sturdy metallic version
- Chemical-resistant
- M8 x 1 thread

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		thread
Bending radius		min. 20 mm
Fiber bundle diameter		0.8 mm
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
----------------------	--	------

Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 042055_eng.pdf

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

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.

