



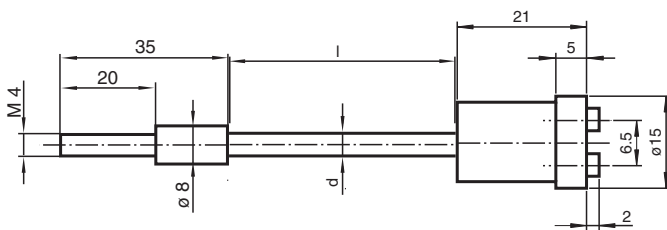
Glass fiber optic LMR 18-2,3-2,0-K3

- Sturdy metallic version
- Chemical-resistant
- Thread M4



Glass fiber optic - diffuse with metal covering

Dimensions



Technical Data

General specifications

Fiber optic length	l	2000 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
----------------------	------

Release date: 2021-07-05 Date of issue: 2021-07-05 Filename: 047132_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

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.

