

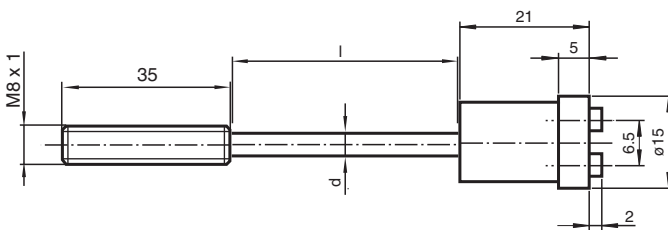
# Glass fiber optic LCR 18-2,3-1,0-K5



■ M8 x 1 thread

Glass fiber optic - diffuse with PVC covering

## Dimensions



## Technical Data

### General specifications

Fiber optic length	l	1000 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18
End piece		thread
Bending radius		min. 15 mm
Fiber bundle diameter		2.3 mm
Fiber configuration	Fv	optical separated
Angle of divergence		68 °

### Approvals and certificates

Approvals		CE
-----------	--	----

### Ambient conditions

Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter]
		-20 ... 85 °C (-4 ... 185 °F) [End head and Covering]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)

### Mechanical specifications

Degree of protection		IP65
----------------------	--	------

Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 022703\_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

**PF** PEPPERL+FUCHS

**Technical Data**

Material	
Optical face	glass
Sheathing	PVC
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PBT
Extraction force	100 N
<b>Fiber optic amplifiers</b>	
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.



Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 022703\_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