

Glass fiber optic

LSR 18-2,3-0,5-K5

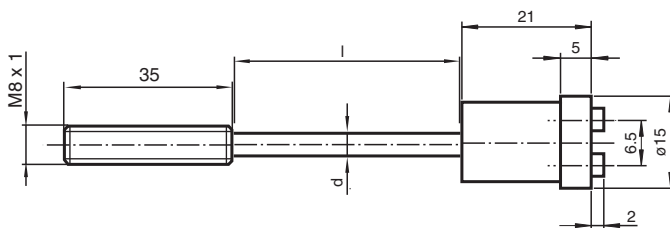


- Chemical-resistant
- M8 x 1 thread



Glass fiber optic - diffuse with silicon covering

Dimensions



Technical Data

General specifications

Fiber optic length	l	500 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18
End piece		thread
Bending radius		min. 20 mm
Fiber bundle diameter		2.3 mm
Fiber configuration	Fv	optical seperated
Angle of divergence		68 °

Approvals and certificates

Approvals	CE
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Ambient conditions

Ambient temperature	-20 ... 85 °C (-4 ... 185 °F) [Adapter] -40 ... 180 °C (-40 ... 356 °F) [End head and Covering]
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)

Mechanical specifications

Degree of protection	IP65
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Material		
Optical face		glass
Sheathing		silicone
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PBT
Extraction force		70 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.

