



Glass fiber optic

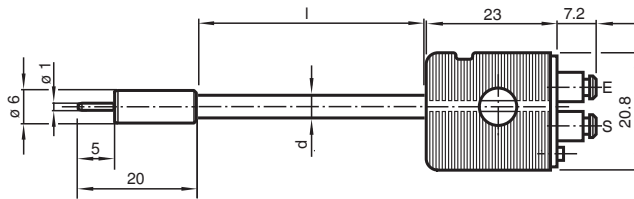
LMR 04-0,5-0,5-Z1



- Sturdy metallic housing
- Chemical-resistant

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		04
End piece		Cylindrical
Bending radius		min. 19 mm
Fiber bundle diameter		0.5 mm optical face: 0.2 mm ²
Fiber configuration	Fv	optical seperated
Angle of divergence		approx. 68 °

Approvals and certificates

Approvals		CE
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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
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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

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Technical Data

Material	
Optical face	glass
Sheathing	metal (1.4305 / AISI 303)
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PVC
Extraction force	at probe at 20°C: 120 N
Fiber optic amplifiers	
Device series	MLV41-LL

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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