Glass fiber optic

LLR 04-1,6-0,7-QW 1X4

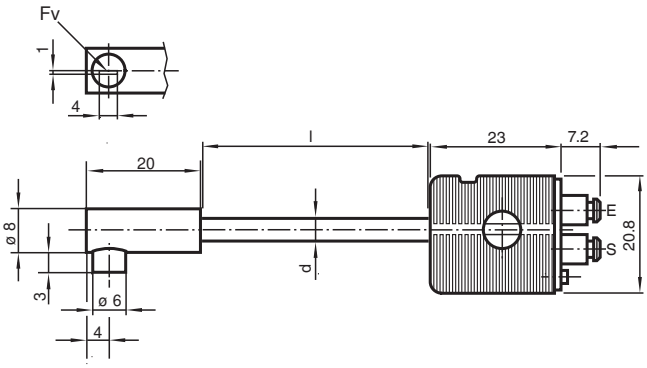


- Chemical-resistant
- Optical face across the direction of fiber



Glass fiber optic - diffuse with metal silicone covering

Dimensions



Technical Data

General specifications		
Fiber optic length	l	700 mm
Fiber optic diameter	d	7.3 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 25 mm
Fiber bundle diameter		1 x 2.15 mm / optical face: 1 x 3.6 mm^2
Fiber configuration	Fv	statistical mixed
Opening angle		approx. 69 °
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
Material		
Optical face		glass

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Technical Data

Sheathing		Metal-silicon
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

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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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