

Glass fiber optic

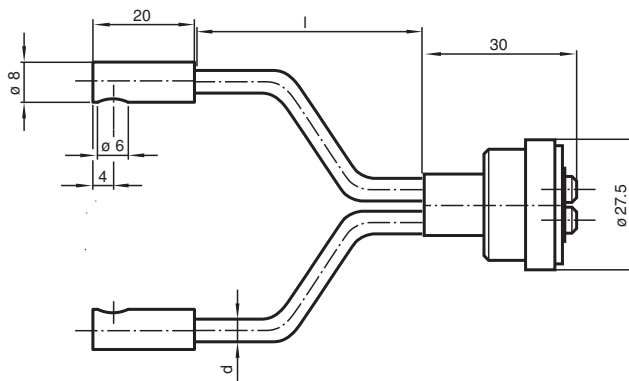
LLE 18/30-2,3-1,0-WC0



Glass fiber optic - thru-beam with metal silicone covering



Dimensions



Technical Data

General specifications

Fiber optic length	l	1000 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18/30
End piece		Side view / Periscope
Bending radius		min. 22 mm
Fiber bundle diameter		2.3 mm
Angle of divergence		approx. 68 °

Approvals and certificates

Approvals		CE
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Ambient conditions

Ambient temperature		-20 ... 95 °C (-4 ... 203 °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		

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Technical Data

Optical face	glass
Sheathing	Metal-silicon
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	Polyamide PA 6.6
Extraction force	at probe at 20°C: 120 N
Fiber optic amplifiers	
Device series	RL5-LL GLV30

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.

