

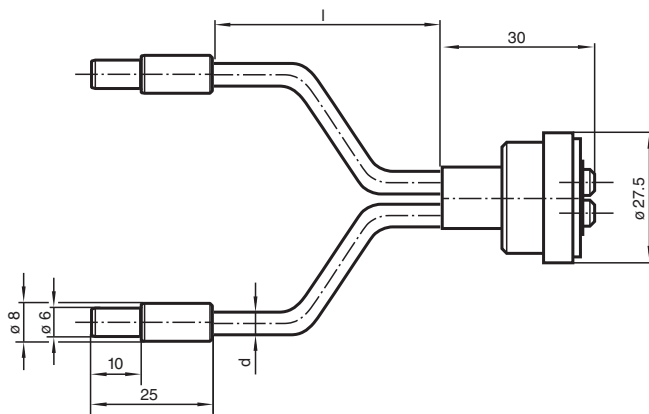
Glass fiber optic

LLE 18/30-2,3-1,0-Z1



Glass fiber optic - thru-beam with metal silicone covering

Dimensions



Technical Data

General specifications

Detection range		300 mm
Fiber optic length	l	1000 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18/30
End piece		Cylindrical
Bending radius		min. 22 mm
Fiber bundle diameter		2.3 mm optical face: 4.2 mm ²
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
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

Material	
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	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.



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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