



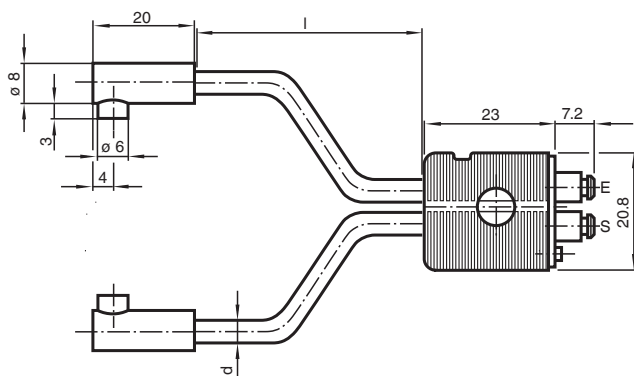
Glass fiber optic LLE 04-1,6-0,5-WC3

■ Chemical-resistant



Glass fiber optic - thru-beam with metal silicone covering

Dimensions



Technical Data

General specifications

Fiber optic length	l	500 mm
Fiber optic diameter	d	7.3 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 20 mm
Fiber bundle diameter		1.8 mm optical face: 2.5 mm ²
Angle of divergence		approx. 68 °

Approvals and certificates

Approvals	CE
-----------	----

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
Sheathing	Metal-silicon
Core	Glass fiber

Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 415882_eng.pdf

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

PEPPERL+FUCHS

Technical Data

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.

