



Glass fiber optic

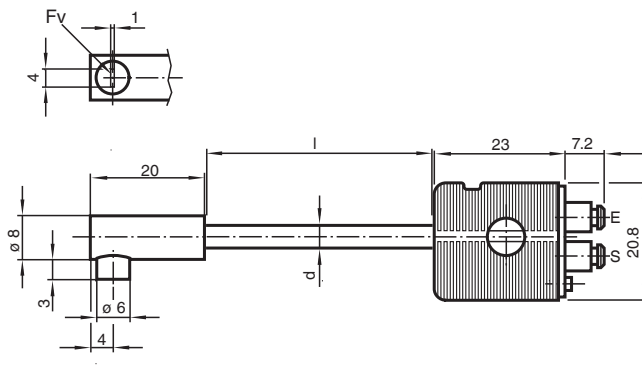
LLR 04-1,6-0,8-QW 1X4

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



Glass fiber optic - diffuse with metal silicone covering

Dimensions



Technical Data

General specifications

Fiber optic length	l	800 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

Release date: 2025-12-17 Date of issue: 2025-12-17 Filename: 415994_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

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

Release date: 2025-12-17 Date of issue: 2025-12-17 Filename: 415994_eng.pdf

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.

