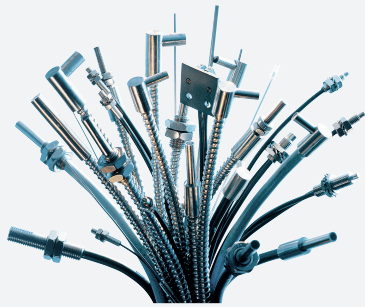


Glass fiber optic

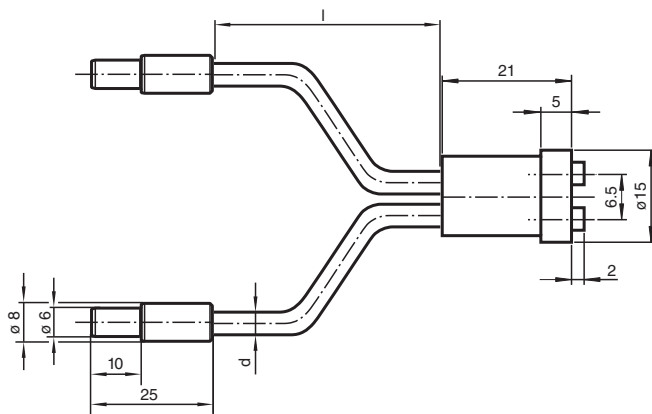
LME 18-2,3-2,0-Z1



- Chemical-resistant
- Sturdy metallic housing

Glass fiber optic - thru-beam with metal covering

Dimensions



Technical Data

General specifications

Detection range		280 mm with VL18LL 600 mm with VariKont M
Fiber optic length	l	2000 mm
Fiber optic diameter	d	5 mm
Adapter form		18
End piece		Cylindrical
Bending radius		min. 22 mm
Fiber bundle diameter		2.3 mm
Angle of divergence		approx. 68 °

Approvals and certificates

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

Ambient conditions

Ambient temperature		-20 ... 130 °C (-4 ... 266 °F) [Adapter] -50 ... 200 °C (-58 ... 392 °F) [End head and Covering]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)

Mechanical specifications

Degree of protection		IP40
----------------------	--	------

Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 199299_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

pf PEPPERL+FUCHS

Technical Data

Material	
Optical face	glass
Sheathing	metal
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PBT
Extraction force	at probe at 20°C: 120 N
Fiber optic amplifiers	
Device series	VariKont M VL18LL

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.



Release date: 2021-07-07 Date of issue: 2021-07-07 Filename: 199299_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