



Model Number

LME 18-2,3-0,5-Z1

Glass fiber optic - thru-beam with metal covering

Features

- Chemical-resistant
- Sturdy metallic housing

Series

Fiber optic amplifiers

Device series	VariKont M VL18LL
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Description

Attention:

Fibre optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



Technical data

General specifications

Fiber optic length	l	500 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18
End piece		Cylindrical
Bending radius		min. 22 mm
Fiber bundle diameter		2.3 mm
Approvals		CE
Angle of divergence		approx. 68 °

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

Protection degree	IP40
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

Dimensions

