



Model Number

LME 18-2,3-2,0-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:

Fiber 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

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
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

