



### Model Number

**LMR 18-1,9-0,5-Z1**

Glass fiber optic - diffuse with metal covering

### Features

- Chemical-resistant
- Sturdy metallic housing

### Series

#### Fiber optic amplifiers

Device series	VariKont M VL18LL
---------------	----------------------

### 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	7.3 mm
Adapter form		18
End piece		Cylindrical
Bending radius		min. 22 mm
Fiber bundle diameter		1.9 mm
Fiber configuration	Fv	optical seperated
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

