



### Model Number

**LMR 04-0,5-0,5-Z1**

Glass fiber optic - diffuse with metal covering

### Features

- Sturdy metallic housing
- Chemical-resistant

### Series

#### Fiber optic amplifiers

Device series MLV41-LL

### 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

Fiber optic length	l	500 mm
Fiber optic diameter	d	5 mm
Adapter form		04
End piece		Cylindrical
Bending radius		min. 19 mm
Fiber bundle diameter		0.5 mm optical face: 0.2 mm <sup>2</sup>
Fiber configuration	Fv	optical seperated
Angle of divergence		approx. 68 °

#### Ambient conditions

Ambient temperature		-20 ... 85 °C (-4 ... 185 °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 (1.4305 / AISI 303)
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PVC
Extraction force		at probe at 20°C: 120 N

### Dimensions

