



### Model Number

**LLR 04-1,1/2,3-0,9-WH**

Glass fiber optic - diffuse with metal silicone covering

### Features

- Chemical-resistant

### Series

#### Fiber optic amplifiers

Device series MLV40-LL

### 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	I	900 mm
Adapter form		04
End piece		WH
Bending radius		min. 20 mm
Fiber bundle diameter		Emitter: 1.1 mm optical face: 1 mm <sup>2</sup> Receiver: 2.3 mm optical face: 4 mm <sup>2</sup>
Fiber configuration	Fv	optical separated
Approvals		CE
Angle of divergence		approx. 68 °

#### Ambient conditions

Ambient temperature	-20 ... 85 °C (-4 ... 185 °F) [Adapter]
	-40 ... 180 °C (-40 ... 356 °F) [End head and Covering]
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Protection degree	IP65
Material	
Optical face	glass
Sheathing	Metal-silicon
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	PVC
Extraction force	at probe at 20°C: 120 N

### Dimensions

