



Model Number

LME 04-1,6-0,5-Z1

Glass fiber optic - thru-beam with metal covering

Features

- Sturdy metallic version
- 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	l	500 mm
Fiber optic diameter	d	5 mm
Adapter form		04
End piece		Cylindrical
Bending radius		min. 16 mm
Fiber bundle diameter		1.8 mm optical face: 2.5 mm ²
Approvals		CE
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

