



Model Number

LME 05-1,6-0,5-Z1

Glass fiber optic - thru-beam with metal covering

Features

- Sturdy metallic version
- Chemical-resistant
- Narrow light beam through glass lens

Series

Fiber optic amplifiers

Device series KSU-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		05
End piece		Cylindrical
Bending radius		min. 16 mm
Fiber bundle diameter		1.6 mm
Approvals		CE

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

