



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

