



Model Number

LHR 00-1,1-1,0-K1

Glass fiber optic - diffuse with silicon covering

Features

- Chemical-resistant
- High temperature rated to 180 °C
- High flexible

Series

Fiber optic amplifiers

Device series SU18 ; SU18/35 ; SU19

Description

Attention:

Fibre optics must not be twisted or kinked. Excessive tensile loads will lead to destruction.



Technical data

General specifications

| | | |
|-----------------------|----|---|
| Sensor range | | SU18: 70 mm SU18/35: 230 mm SU19: 70 mm |
| Fiber optic length | l | 1000 mm |
| Fiber optic diameter | d | 3 mm |
| Adapter form | | 00 |
| End piece | | Cylindrical |
| Bending radius | | 5 mm static |
| Fiber bundle diameter | | 1.1 mm |
| Fiber configuration | Fv | optical separated |
| Angle of divergence | | 68 ° |

Ambient conditions

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

Mechanical specifications

| | | |
|------------------|--|-----------------------------------|
| Material | | |
| Optical face | | glass |
| Sheathing | | silicon |
| Core | | Glass fiber |
| End piece | | Stainless steel 1.4305 / AISI 303 |
| Adapter | | Stainless steel |
| Extraction force | | 50 N |

Dimensions

