



### 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 seperated
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]
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#### 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

