



### Model Number

**LHE 00-1,1-1,0-10C1,5**

Glass fiber optic - thru-beam 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

Detection range	SU18: 195 mm SU18/35: 710 mm SU19: 195 mm
Fiber optic length	l 1000 mm
Fiber optic diameter	d 3 mm
Adapter form	00
End piece	Cylindrical
Bending radius	4 mm static 8 mm 250.000 cycles dynamic
Fiber bundle diameter	1.1 mm
Angle of divergence	approx. 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

#### General information

Scope of delivery	Fiber optic cables packaged individually
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### Dimensions

