



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

