



Model Number

LMR 00-1,5-1,0-K154

Glass fiber optic - diffuse

Threading M3

Features

- Thread M3
- High-temperature applications

Series

Fiber optic amplifiers

Device series SU18 ; SU18/35 ; SU19

Description

Attention:

Fiber optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



Accessories

OMH-LL-M3

Mounting bracket for fiber optic cable, M3 thread

Technical data

General specifications

Sensor range	SU18: 30 mm SU18/35: 185 mm SU19: 30 mm
Fiber optic length	l 990 mm
Fiber optic diameter	d 1.5 mm
Adapter form	00
End piece	thread
Bending radius	min. 30 mm
Angle of divergence	approx. 68 °

Ambient conditions

Ambient temperature	-55 ... 200 °C (-67 ... 392 °F) [Covering] -55 ... 250 °C (-67 ... 482 °F) [End head]
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Mechanical specifications

Material	
Optical face	glass
Sheathing	stainless steel 1.4301 / AISI 304
Core	glass
End piece	stainless steel 1.4301 / AISI 304

Installation note



If the sensor detects an object after installing the fiber optic, when no object is present (yellow led is on or blinking), reduce the sensitivity adjustment.

Dimensions

