



Model Number

LMR 00-1,5-1,1-K155

Glass fiber optic - diffuse
M6 threading

Features

- Thread M6
- 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-M6

Mounting bracket for fiber optic cable, M6 thread

Technical data

General specifications

Sensor range		SU18: 76 mm SU18/35: 160 mm SU19: 76 mm
Fiber optic length	l	1143 mm
Fiber optic diameter	d	1.5 mm
Adapter form		00
End piece		Bendable tip
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]
---------------------	--	--

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

