



### Model Number

#### LSR 18-1,1-0,5-K13

Glass fiber optic - diffuse with silicon covering

Threading M8

### Features

- Chemical-resistant
- M8 x 1 thread

### 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.



### Technical data

#### General specifications

Fiber optic length	l	500 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18
End piece		Bendable tip
Bending radius		min. 20 mm
Fiber bundle diameter		1.1 mm
Fiber configuration	Fv	optical separated
Approvals		CE
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]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Protection degree		IP65
Material		
Optical face		glass
Sheathing		silicon
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PBT
Extraction force		70 N

### Dimensions

