## Technical data

| | | |
|---|---|---|
| **General specifications** | | |
| Sensor range | | SU18: 30 mm<br>SU18/35: 100 mm<br>SU19: 30 mm |
| Fiber optic length | l | 3000 mm , adjustable |
| Fiber optic diameter | d | 1.25 mm |
| Adapter form | | 00 |
| End piece | | thread |
| Bending radius | | min. 15 mm |
| Fiber configuration | Fv | see dimensions |
| Angle of divergence | | 67 ° |
| Accessories provided | | Cutter for plastic fiber optics |
| **Ambient conditions** | | |
| Ambient temperature | | -55 ... 70 °C (-67 ... 158 °F) |
| **Mechanical specifications** | | |
| Material | | |
| Optical face | | plastic |
| Sheathing | | PVC |
| Core | | plastic |
| End piece | | Stainless steel 1.4305 / AISI 303 |

## Model Number

**KLR-C09-1,25-3,0-K74**

Plastic fiber optic - diffuse

Threading M4 / M2, 6

## Features

- Coaxial
- Thread M4 / M2.6

## 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

**K-LA06**
Collimation lens, increases operating range by up to eight times, M4 thread

**K-LA04**
Focusing lens, light spot size approx. 0.7 mm at 10 mm, M4 thread

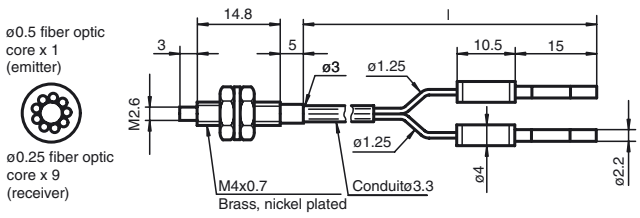
**OMH-LL-M4**
Mounting bracket for fiber optic cable, M4 thread

**KM4-0,5**
Metal protection for plastic fiber optics M4 x 0.5 m

**KM4-1,0**
Metal protection for plastic fiber optics M4 x 1.0 m

**K-LA01**
Collimation lens, increases operating range by up to four times, M2.6 thread

## Dimensions

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