



Technical data

General specifications

| | | |
|----------------------|----|--|
| Sensor range | | SU18: 4 mm SU18/35: 12 mm SU19: 4 mm |
| Fiber optic length | l | 2000 mm , adjustable |
| Fiber optic diameter | d | 1.25 mm |
| Adapter form | | 00 |
| End piece | | thread |
| Bending radius | | min. 10 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-C02-1,0-2,0-K73

Plastic fiber optic - diffuse

Threading M4 / M2, 6

Features

- Optimized for the detection of small parts
- Thread M2.6 / M4

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-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

Dimensions

