



Technical data

General specifications

Sensor range		SU18: 30 mm SU18/35: 100 mm SU19: 30 mm
Fiber optic length	l	2000 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-C09-1,25-2,0-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

OMH-LL-M4

Mounting bracket for fiber optic cable, M4 thread

KM4-0,5

Metal protection for plastic fiber optics M4 x 0.5 mm

KM4-1,0

Metal protection for plastic fiber optics M4 x 1.0 mm

K-LA01

Collimation lens, increases operating range by up to four times, M2.6 thread

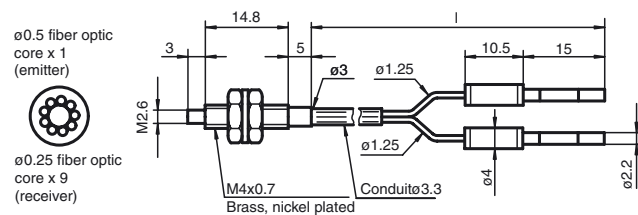
K-LA04

Focusing lens, light spot size approx. 0.7 mm at 10 mm, M4 thread

K-LA06

Collimation lens, increases operating range by up to eight times, M4 thread

Dimensions



Release date: 2014-07-09 15:55 Date of issue: 2014-07-09 805628_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com