



Model Number

KLE-C01-1,0-2,0-K119

Plastic fiber optic - thru-beam

Features

- Optimized for the detection of small parts
- Thread M4

Series

Fiber optic amplifiers

Device series	SU18 ; SU18/35 ; SU19 ; ML17-LL
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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-LA01

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

K-LA02

Collimation lens, right-angled, M2.6 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

Technical data

General specifications

Detection range		SU18: 20 mm SU18/35: 80 mm SU19: 20 mm
Fiber optic length	l	2000 mm , adjustable
Fiber optic diameter	d	1 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)
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Mechanical specifications

Material	
Optical face	plastic
Sheathing	PVC
Core	plastic
End piece	Stainless steel 1.4305 / AISI 303

General information

Scope of delivery	Fiber optic cables packaged in pairs
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Dimensions

