



Model Number

LLE 18/30-2,3-1,0-Z1

Glass fiber optic - thru-beam with metal/silicon covering and bundled lens

Series

Fiber optic amplifiers

Device series GLV30

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

Detection range	300 mm
Fiber optic length	l 1000 mm
Fiber optic diameter	d 5.9 mm
Adapter form	18/30
End piece	Cylindrical and bundled lens
Bending radius	min. 22 mm
Fiber bundle diameter	2.3 mm optical face: 4.2 mm ²
Angle of divergence	approx. 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

Degree of protection	IP65
Material	
Optical face	glass
Sheathing	Metal-silicon
Core	Glass fiber
End piece	Stainless steel 1.4305 / AISI 303
Adapter	Polyamide PA 6.6
Extraction force	at probe at 20°C: 120 N

Dimensions

