



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

