



Model Number

LME 18/30-2,3-1,0-WC14

Glass fiber optic - thru-beam with metal covering

Series

Fiber optic amplifiers

Device series GLV30

Description

Attention:

Fibre 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

Fiber optic length	l	1000 mm
Fiber optic diameter	d	5.3 mm
Adapter form		18/30
End piece		Thread / cylindrical right angle
Bending radius		min. 22 mm
Fiber bundle diameter		2.3 mm
Approvals		CE
Angle of divergence		approx. 68 °

Ambient conditions

Ambient temperature	-20 ... 95 °C (-4 ... 203 °F) [Adapter]
	-40 ... 180 °C (-40 ... 356 °F) [End head and Covering]
Storage temperature	-20 ... 85 °C (-4 ... 185 °F)

Mechanical specifications

Protection degree	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

