



- Glass fiber optic - diffuse with metal covering

Technical drawing of a shaft assembly. The drawing shows a shaft with a central section of length l and diameter d . The left end has a diameter of $\varnothing 4.5$ and a section of length 20. The right end has a diameter of $\varnothing 15$ and a section of length 21. The distance between the two end sections is 35 . The shaft is supported by bearings, with a bearing housing of width 5 and a bearing of width 2. The shaft is labeled $M8 \times 1$ and d .

Degree of protection	IP40
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Technical Data

Material		
Optical face		glass
Sheathing		metal
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PBT
Extraction force		at probe at 20°C: 120 N
Fiber optic amplifiers		
Device series		VL18LL VariKont M

Application

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.

