

Model Number

LSR 04-1,6-0,85-WC12M6

Glass fiber optic - diffuse with silicon covering

Features

- Chemical-resistant
- Thread M6

Description

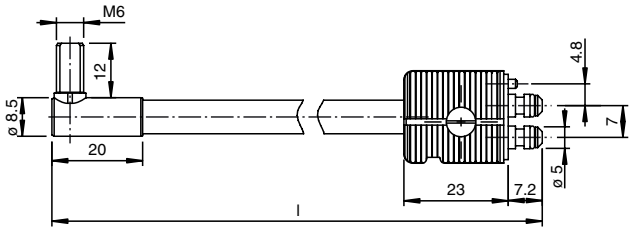
Attention:
Fiber optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



Technical data

General specifications		
Sensor range		40 mm on white (90 %): MLV41-LL IR 25 mm on white (90 %): MLV41-LL RT
Fiber optic length	l	850 mm
Fiber optic diameter	d	8 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 25 mm
Fiber bundle diameter		1.6 mm optical face: 2 mm^2
Fiber configuration	Fv	optical seperated
Approvals		CE
Angle of divergence		approx. 68 °
Ambient conditions		
Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter] -20 ... 180 °C (-4 ... 356 °F) [End head and Covering]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)
Mechanical specifications		
Protection degree		IP65
Material		
Optical face		glass
Sheathing		silicon
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PVC
Tightening torque, fastening screws		max: 1 Nm
Extraction force		at probe at 20°C: 60 N

Dimensions



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