

System parameter	LM 20	LM 50
Measuring range	20 mm	50 mm
Resolution	0.1 nm	0.1 nm
Linearity over the entire measurement range	≤ ±2 nm	
Clamping shaft diameter	Ø 8 mm h6	
Measuring force, fixed at factory *	0.5 N...1.5 N	
Operating temperature range	15°C...30 °C	
<b>Geometric Data</b>		
Dimensions (L x W x H):		
Probe without plunger	[60 x 36 x 137] mm	[60 x 36 x 170] mm
Probe with plunger	[60 x 36 x 170] mm	[60 x 36 x 220] mm
Electronic supply and evaluation unit	[450 x 400 x 150] mm	
Mass:		
Probe	370 g	420 g
Electronic supply and evaluation unit (standard)	ca. 8 kg	
<b>Electrical Data</b>		
Interfaces      standard	RS232C, USB	
Cable length between sensor head and electronics unit	3 m, optionally up to 10 m	
Power supply	100...240 VAC / 47...63 Hz	
Laser safety class according to EN 60825-1:2014 and ANSI Z136.1 (CDRH)	1 I	

\*Observe installation position

11/2022 · Subject to change.