

Linear Motion Potentiometer
Model UNILIN-33
Ø 33 mm
10 000 000 strokes
Conductive Plastic



RESENZO
SMARTER SENSING AND CONTROL

Features:

- Excellent Lifetime
- Robust Construction
- Simple mounting

Applications:

- Injection Moulding Machines
- Textile Washing Machines
- Instrumentation

Electrical Data:		Mechanical Data:	
Resistance Range	See Table	Life	10'000'000 Strokes
Resistance Tolerance	± 20%	Repeatability	0.01mm
Linearity	± 0.05% optional +/- 0.01%	Operating Speed	Max 10 m/s
Power Rating	1 W at 70°C	Protection Class	IP65
Eff. Electrical Travel	50mm – 900mm		
Resolution	Essentially ∞		
Max. End Voltage	<0.5% of applied Voltage		
Max. Wiper Current	10 mA in case of Failure		
Recommended Wiper Current	<1 mA		
Insulation Resistance	500MΩ at 500 VDC		
Dielectric Strength	500 VAC		
Temperature Coefficient of Output-to-applied voltage ratio	5 ppm/K		

Environmental Data:

Material:

Storage Temperature : -40°C to +125°C
Operating Temperature : -40°C to +125°C

Housing : Anodised ALU
Push Rod : Stainless Steel

Options:

Upon Request

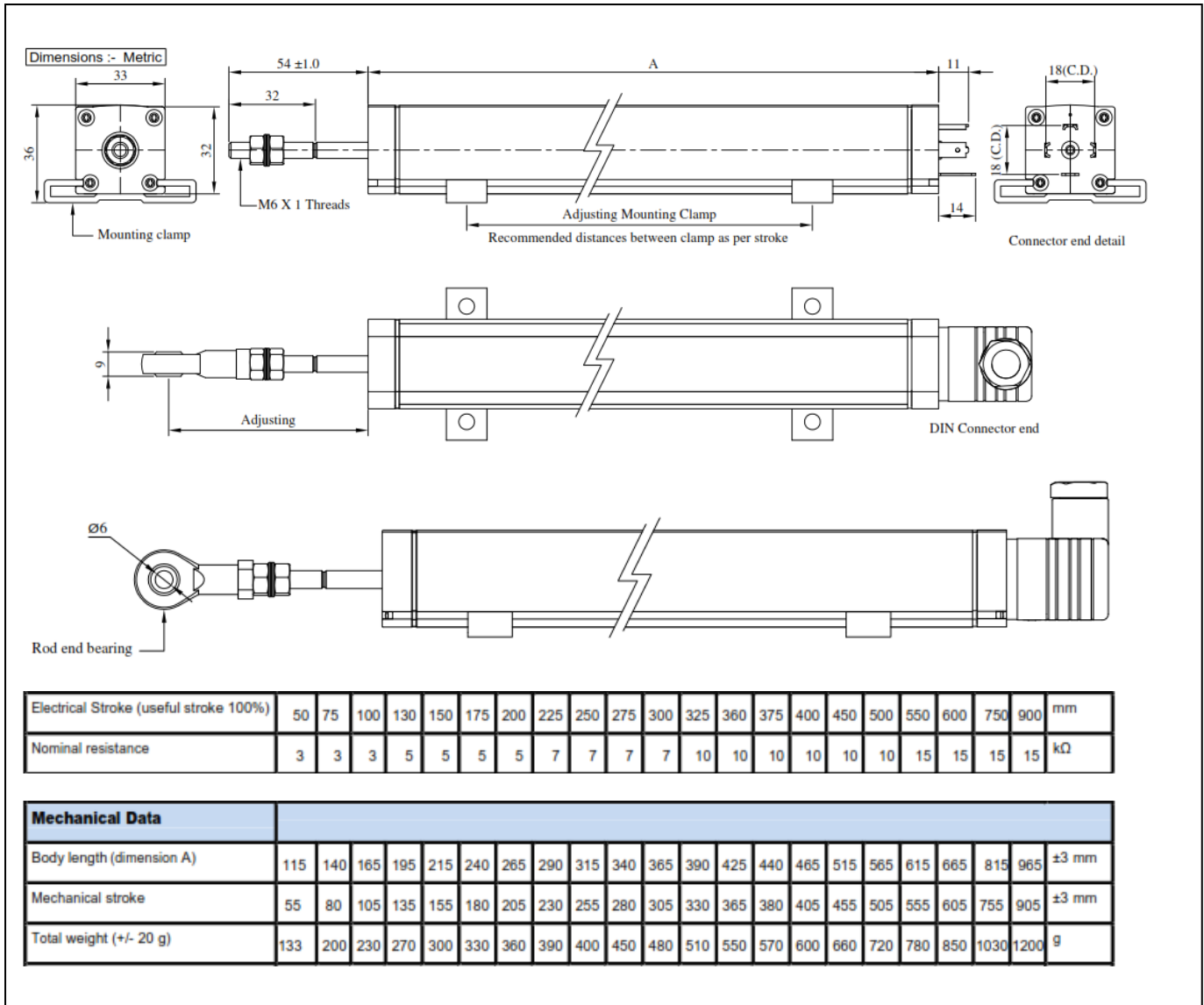
Specifications subject to change without notice

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Standard Design:



Connection Diagram:

