



COREMORROW 21067 Piezo Linear Actuator Instruction Manual

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COREMORROW 21067 Piezo Linear Actuator



Introduction

The 21067 piezoelectric linear actuator combines manual coarse adjustment and piezo fine adjustment. The manual adjustment stroke can reach 9.53mm and the fine adjustment stroke is 16 μ m.

Characteristics

- Coarse adjustment 9.53mm
- Fine adjustment 16 μ m
- Combination of manual and piezo adjustment

Applications

- Mirror adjustment frame
- Profilometry
- Nanolithography
- Nanotechnology and metrology
- Motion platform driver
- Scientific research, etc.
- Surface measurement technique
- Motion in strong magnetic fields or vacuum

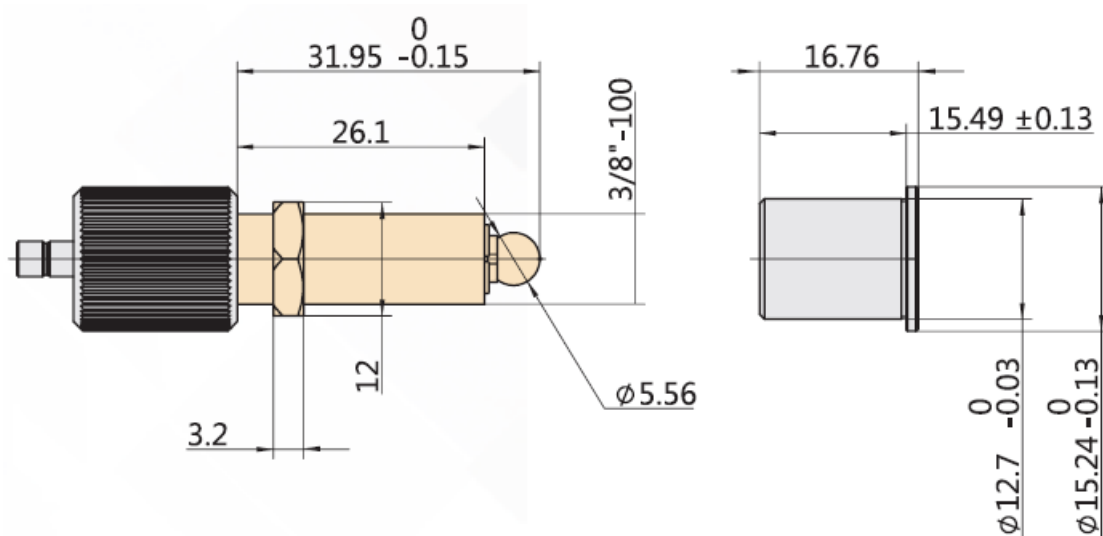
Technical Data

Type	21067	Units
Manual motion range	9.53	mm
Piezo motion range (0~150 V)	16	$\mu\text{m}\pm 20\%$
Piezo drive voltage	0~150	V
El.capacitance	0.8	$\mu\text{F}\pm 20\%$
Operating temperature[1]	-25~85	°C
Material	Steel	
Cable length[2]	—	$\text{m}\pm 10\text{mm}$
Voltage connector[2]	—	
Recommended controller	E53.A E53.C E63.C	

Remarks

1. Custom is available.
2. Custom cable lengths and connectors are available.

Drawing



Recommended Controllers

E53.A

Small size, easy integration, open loop 1-channel output, Ave. current 60mA Analog control



E63.C

Small volume, single channel, open loop 1-channel output, Ave. current 2.5mA USB



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Documents / Resources

	COREMORROW 21067 Piezo Linear Actuator [pdf] Instruction Manual 21067 Piezo Linear Actuator, 21067, Piezo Linear Actuator, Linear Actuator, Actuator
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References

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