

10" / 250mm DC 12V/24V Mini Pen Type Linear Actuator

Application:

Mainly used for Robots, Boat, Car, Lifting Platform, Electric Bicycle, Fan, Home Appliance, Automation Equipment etc. It can push, pull, lift and descend other devices.

Feature:

High quality
 Generate linear motion (extending or retracting)
 DC motor drive
 Low power consumption
 Low noise design
 Stainless steel telescopic rod
 Wear and corrosion resistance
 Overload protection
 External stroke limit prevents over-extending and over-compressing.

Specifications:

Working voltage: DC 12V or DC 24V

Extension: 10" / 250mm

Compressed length between two mounting holes (shaft retracts completely): 375mm

Extended length between two mounting holes (shaft extends completely): 625mm

Speed: 7.5mm±1mm/second or 15mm±2mm/second

Max Load capacity: 25 Pound / 12Kg / 120N at 7mm/second, or 6 Pound / 3Kg / 30N at 15mm/second.

The linear actuator can get the maximum load capacity when it operates in the vertical direction.

Working current: (you should use a 3A power adapter to power this actuator.)

Speed	Max Load	Working Current			
		12V version		24V version	
		No Load	Full Load	No Load	Full Load
15mm±2mm/second	6 Pound / 3Kg / 30N	0.15A	0.52A	0.08A	0.3A
7.5mm±1mm/second	25 Pound / 12Kg / 120N	0.1A	0.4A	0.05A	0.25A

Outer diameter: 20mm

Mounting holes diameter: 5mm

Environment temperature: -26°C to 85°C

Noise level: lower than 40dB

IP rating: IP54

Weight: 320g

Operation:

Extending or retracting movement.

Moving direction can be changed by switching polarity.

