Mini linear actuator, 96N / 9,6kg

Small, compact, and economic linear actuator for the very small projects, where it can be used for numerous purposes.






Small, compact and economic linear actuator for smaller projects, where it can be used for numerous purposes. The actuator moves with 9,5mm per second and stops automatically when fully retracted or fully driven out. This makes it easy to mount without having to us endstops or similar.

It is important to point out that there can be a margin of up to +/- 10% in regards to the movement of 9,5mm per second.

The linear actuator can be used for lifting, turning, pulling or pushing smaller parts. You should always consider the safety before using it.

The actuator is connected directly to 12V or 24V, depending on type choosen. It will retract or drive out depending on connected polarity. Reversing the polarity will reverse the direction. This can be done with a two-pole switch, relay or other controls.

The actuator is made of anodized aluminium and waterproof gaskets, which makes it rated as IP54. You should not mount it outdoors, or in exposed places.

For mounting, you can separately buy our brackets. The holes in the actuators are 4mm.

Force calculations

We always recommend that you calculate how much force is needed before mounting an actuator, alternatively test it out. An easy way to calculate this is the Lever principle.

Buy online at:

www.matronics.eu/613012-50

Specifications

Current	3A (5A peak)
Powersupply	Minimum 60W
Lifetime	50000 times / ticks



12V, 30mm

SKU 613012-30



12V, 50mm

SKU 613012-50

Length: 113,5mm (Hole-distance 103,5mm)

Length extended: 163,5mm(Hole-distance 153,5mm)



12V, 100mm

SKU 613012-100

Length: 163,5mm (Hole-distance 103,5mm)

Length extended: 263,5mm(Hole-distance 253,5mm)



24V, 30mm

SKU 613024-30



24V, 50mm

SKU 613024-50

Length: 113,5mm (Hole-distance 103,5mm)

Length extended: 163,5mm(Hole-distance 153,5mm)



24V, 100mm

SKU 613024-100

Length: 113,5mm (Hole-distance 103,5mm)

Length extended: 163,5mm(Hole-distance 153,5mm)



Accessories, Bracket

SKU 613012

Product pictures







