

ACTUONIX - MINIATURE LINEAR ACTUATOR PQ12

PQ12-100-6-P
6V, 20mm stroke, up to 50N force with potentiometer

- Up to 50N force
- Up to 28mm/s speed
- 20mm stroke
- 6v or 12v dc with potentiometer or limit switches
- 6V RC controller options



PRODUCT DESCRIPTION

The PQ12 is the original and one of the smallest Actuonix actuator available.

Featuring 20mm stroke over many speed and control options, with a weight down to 15g, it is ideal for compact machine builds requiring controlled linear movement.

- 'S' variant with built in end of travel limit switches to stop movement and cut power.
- 'P' variant with built in potentiometer to give feedback to LAC control board for positional control.
- 'R' variant with built in servo technology to function as a rotary servo actuator in R/C applications.

TECHNICAL DATA

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|------------------------------------|----------|
| Back drive force | 35 N |
| Duty cycle | 20 % |
| IP class | IP54 |
| Nominal speed, no load | 10 mm/s |
| Ratio | 100:1 |
| Sound level | 55 dB |
| Static load max | 50 N |
| Stroke | 20 mm |
| Supply voltage | 6,0 V DC |
| Temperature operational max | 50 °C |
| Temperature operational min | -10 °C |
| Weight | 15 g |

