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# ACTUONIX P8 MINIATURE STEPPER LINEAR ACTUATOR

P8-75-49-3-ST
Stepper actuator 75mm stroke



- Up to 50N force
- Up to 70mm/s speed
- From 10mm to 100mm stroke
- Up to 100% duty cycle
- Used for accurate position control

### PRODUCT DESCRIPTION

The P8 actuators are complete, self-contained compact linear motion devices.

Using either brushed DC or brushless stepper motors, the P8 range offers the greates force to size ratio of any Actuonix actuator.

Several stroke length options allow these to fit a wide variety of applications.

Brushed DC versions available with end of travel limit switches or potentiometer for positional feedback.

The brushless stepper design makes the P8 one of the highest precision and longest life actuator available from Actuonix.

Using a bi-polar stepper motor, control can be precise, accurate and continuos through a standard stepper motor drive

# TECHNICAL DATA

| | |
|---|---|
| **Back drive force** | 30 N |
| **Closed length (hole to hole)** | 110 mm |
| **Duty cycle** | 100 % |
| **Force max** | 18 N |
| **IP class** | IP54 |
| **Ratio** | 49:1 |
| **Static load max** | 18 N |
| **Stroke** | 75 mm |
| **Temperature operational max** | 40 °C |
| **Temperature operational min** | -10 °C |
| **Voltage dc** | 4.2 V |
| **Weight** | 28 g |