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ACTUONIX P8 MINIATURE STEPPER LINEAR ACTUATOR

P8-10-165-3-ST
Stepper actuator 10mm 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	100 N
Closed length (hole to hole)	45 mm
Duty cycle	100 %
Force max	55 N
IP class	IP54
Ratio	165:1
Static load max	55 N
Stroke	10 mm
Temperature operational max	40 °C
Temperature operational min	-10 °C
Voltage dc	4.2 V
Weight	18 g