

## ACTUONIX - MINIATURE LINEAR ACTUATOR P16

P16-50-22-12-S

12V, 50mm stroke, up to 50N force with limit switches

- Up to 300N force
- Up to 46mm/s speed
- From 50mm to 200mm stroke
- 12v dc with potentiometer or limit switches



### PRODUCT DESCRIPTION

Actuonix P16 actuators are complete miniature actuators with sophisticated positioning control through end position sensors or via potentiometers. Featuring a compact side by side design with a planetary gearbox, these units offer higher speeds, higher forces and longer life than their other units.

Control Options for Miniature Controller P16:

#### **P16-S series: End switch**

S variant has factory set end switches that turn off the power when the actuator reaches 0.5mm of the end of the total stroke.

#### **P16-P series: Position feedback via potentiometer**

The P variant has no built-in control unit, but provides an analogue feedback channel that can be fed into an external controller as a positional reference.

## TECHNICAL DATA

<b>Back drive force</b>	75 N
<b>Duty cycle</b>	20 %
<b>IP class</b>	IP54
<b>Nominal speed, no load</b>	46 mm/s
<b>Ratio</b>	22:1
<b>Sound level</b>	62 dB
<b>Static load max</b>	50 N
<b>Stroke</b>	50 mm
<b>Supply voltage</b>	12 V DC
<b>Temperature operational max</b>	50 °C
<b>Temperature operational min</b>	-10 °C
<b>Weight</b>	95 g

