

# EP1.x Electronic Stroke Limit Control



The EP1.x Limit Switch control provides end of travel positioning through the use of a magnetic switch and motor mounted relay.

The EP1 limit switches are mounted in a channel on the actuator cover tube accessible below a durable cover. (For factory set limit switches see P1.0 designs). The EP1 switches are field adjustable.

The Electronic Stroke control package consists of the magnetic sensors and a motor mounted relay within an enclosure suited for harsh environments.

A Zener diode suppression is used on both input and outputs for added protection from electrical spikes. Unit reversing is achieved by reversing input power polarity to the motor.

## Specifications

<b>Power:</b>	25 Amps max. @ 12 volts 12.5 Amps max. @ 24 volts
<b>Operating Temperature:</b>	-20° F to +150° F (-29° C to 66° C)

## Options

<b>EP1.0</b>	Standard Stroke Limit Control
<b>EP1.1</b>	Same as P1.0 with two LEDs on the outside of the control module. LEDs indicate when end of travel has been reached.
<b>EP1.2</b>	Same as P1.0 with two 12/24 volt, 0.5 Amps outputs that can be used to signal an external switch, relay, lamp or PLC input.
<b>EP1.2LE</b>	Two +5 VDC 25ma outputs plus a ground to provide a signal when end of travel is reached. This output can be used to power LEDs.
<b>EP1.4</b>	Same as P1.0, end limit stopping with 0-10K ohm potentiometer output.
<b>EP1.5</b>	End limit stopping with end limit outputs and 0-10K potentiometer outputs.



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**How to Adjust the Limit Switches for a K2 or K2X Actuator with External or EP Limit Switches**  
<https://p.widencdn.net/imzc9v>

