



**Artikel-Nr.:** FRG-L12S100-50-6V  
**Garantie(Jahre):** 2  
**Hersteller:** Actuonix Motion Devices

## L12 Actuator Series

**CHF 99.37 \***

inkl. MwSt. [zzgl. Versandkosten](#)  
In der Regel an Lager, Lieferzeit ca. 1-3 Werktage

### Produktinformationen "L12 Actuator Series"

**L12 Actuator Series** The L12 series is an axial design that utilizes a powerful PMDC motor and a rectangular cross section for increased strength. But by far the most attractive feature of this actuator is the broad spectrum of configurations available. Actuonix Motion Devices L12 is available in four stroke lengths: 10mm (Except "I" and "R"), 30mm, 50mm or 100mm, along with three force/speed combinations of 50:1, 100:1 or 210:1 gearing.

**"I" Series:** The "I" actuator models feature an on-board software-based digital microcontroller. The controller is non programmable and will configure itself for one of 4 input modes depending on which leads are plugged in on power up. Available input modes are: RC servo, 0-5v, 4-20mA or PWM. The "I" series is available in both 6v and 12v models.

**"R" Series:** This is a standard hobby-type remote-control digital servo interface (CMOS logic), compatible with most RC receivers. They are a 6v unit only

**"S" Series:** These units are operated by reversing polarity on the actuator's two leads. The "S" series has end of stroke limit switches to that will turn off the unit if it runs into its end stop. These can be run with a DPDT switch, relay or brushed DC motor controller. The "S" series is available in both 6v and 12v models.

**"P" Series:** The "P" series actuators offer no built-in controller, but do provide an analog position feedback signal that can be input to an external controller. The "P" series can be used with our Linear Actuator Control Board (LAC) to give the "P" series the ability to be controlled with USB (via our Configuration Utility Software), 0-5v, 4-20mA, RC Servo or PWM. On board adjustment of speed, sensitivity and stroke limits are available via the LAC. The "P" series are available in 6v or 12v models.

**Bildungsstufe:** Tertiäre Bildung

**DataLogger Schnittstellen:** Arduino

**Fach:** Physik, Robotik/Mikrokontroller

### Weiterführende Links zu "L12 Actuator Series"

- [- Fragen zum Artikel?](#)
- [- Miniature Linear Motion Series · L12 Data Sheets](#)
- [- Actuonix Data Sheet Definitions](#)
- [- Driving "R" Series Linear Servos with Arduino](#)
- [- Weitere Artikel von Actuonix Motion Devices](#)

### Mehr Bilder zu "L12 Actuator Series"

