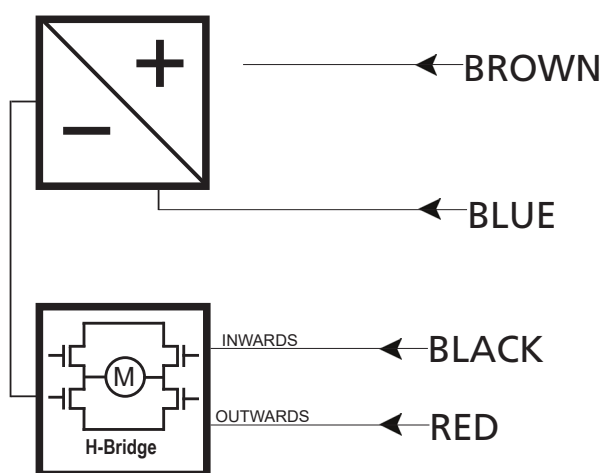




Actuator LA12  
IC (no end stop signal out)  
*Connection diagram*

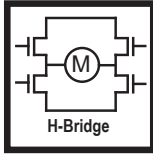
# Connection diagram

12XDXX-XXXXXXXX8



Please be aware that if the power supply is not properly connected, you might damage the actuator!

# I/O Specifications

Input/Output	Specification	Comments
Description	<p>Easy to use interface with integrated power electronics (H-bridge).</p> <p>The actuator can also be equipped with electronic circuit that gives an absolute or relative feedback signal.</p> <p>The version with "IC option" cannot be operated with PWM (power supply).</p>	 <p>H-Bridge</p>
Brown	<p>12-24VDC Connect Brown to positive (VDC)</p> <p>12V ± 20% 24V ± 10%</p> <p>Under normal conditions: 12V, max. 5A depending on load 24V, max. 2.5A depending on load</p>	<p>Note: Do not change the power supply polarity on the brown and blue wires!</p> <p>If the temperature drops below 0°C, all current limits will automatically increase to 11A</p>
Blue	<p>12-24VDC Connect Blue to negative (GND)</p> <p>12V ± 20% 24V ± 10%</p> <p>Under normal conditions: 12V, max. 5A depending on load 24V, max. 2.5A depending on load</p>	
Red	Extends the actuator	<p>On/off voltages: &gt; 67% of VIN = ON &lt; 33% of VIN = OFF Input current: 10mA</p>
Black	Retracts the actuator	

---

**Terms of use**

The user is responsible for determining the suitability of LINAK products for specific application. LINAK takes great care in providing accurate and up-to-date information on its products.

However, due to continuous development in order to improve its products, LINAK products are subject to frequent modifications and changes without prior notice. Therefore, LINAK cannot guarantee the correct and actual status of said information on its products.

While LINAK uses its best efforts to fulfill orders, LINAK cannot, for the same reasons as mentioned above, guarantee the availability of any particular product. Therefore, LINAK reserves the right to discontinue the sale of any product displayed on its website or listed in its catalogues or other written material drawn up by LINAK.

All sales are subject to the Standard Terms of Sale and Delivery for LINAK. For a copy hereof, please contact LINAK.