Actuator LA36/LA37
Relative positioning - Single hall
Connection diagram
Connection diagram

36XXXXXXXK00XX-XXXXXXXXXXXXXXXXXXXXX
36XXXX+1KXXXXXX
37XXXX+1KXXXXXX
# I/O Specifications

<table>
<thead>
<tr>
<th>Input/Output</th>
<th>Specification</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>The actuator can be equipped with Single hall that gives a relative positioning feedback signal when the actuator moves. See connection diagram, figure above</td>
<td></td>
</tr>
</tbody>
</table>
| Brown        | 12, 24 or 36 VDC (+/-)  
*Only available on LA36  
12V ± 20%  
24V ± 10% | To extend actuator: Connect Brown to positive  
To retract actuator: Connect Brown to negative |
| Blue         | 36V ± 10%  
Under normal conditions:  
12V, max. 26A depending on load  
24V, max. 13A depending on load | To extend actuator: Connect Blue to negative  
To retract actuator: Connect Blue to positive |
| Red          | Signal power supply (+) 12-24VDC |  |
| Black        | Signal power supply GND (-) |  |
| Green        | Not to be connected |  |
| Yellow       | Not to be connected |  |
| Violet       | Single Hall output (PNP)  
Movement per Single Hall pulse:  
LA371C: Actuator = 0.1372 mm per count  
Frequency:  
Frequency is 14-26 Hz on Single Hall output depending on load.  
Overspeed on the motor can result in shorter pulses. | Output voltage min. $V_{\text{IN}} - 2V$  
Max. current output: 12mA  
Max. 680nF  
N.B. For more precise measurements, please contact LINAK A/S.  
Low frequency with a high load.  
Higher frequency with no load. |
| White        | Not to be connected |  |
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.

For mounting instructions and guidance in usage, please see the relevant user’s manuals.