Actuator LA33
Endstop signal output
Connection diagram
Connection diagram

33XXXXXXXXXXXXXX0X=XXXXXX1XXXXXXXX

- BROWN
- BLUE
- RED
- YELLOW
- GREEN
- BLACK
## 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 electronically controlled endstop signals out. See connection diagram, figure above</td>
<td></td>
</tr>
</tbody>
</table>
| Brown        | 12 or 24VDC (+/-)  
12V ± 20%  
24V ± 10%  
Under normal conditions: 12V, max. 13A depending on load  
24V, max. 9A depending on load | To extend actuator: Connect Brown to positive  
To retract actuator: Connect Brown to negative |
| Blue         | 12 or 24VDC (+/-)  
12V ± 20%  
24V ± 10%  
Under normal conditions: 12V, max. 13A depending on load  
24V, max. 9A depending on load | To extend actuator: Connect Blue to negative  
To retract actuator: Connect Blue to positive |
| Red          | Signal power supply (+) 12-24VDC | Current consumption: Max. 40mA, also when the actuator is not running |
| Black        | Signal power supply GND (-) |          |
| Green        | Endstop signal out | Output voltage min. VIN - 2V  
Source current max. 100mA  
NOT potential free |
| Yellow       | Endstop signal in |          |
| Violet       | Not to be connected |          |
| White        | Not to be connected |          |

**Tip:** If you wish to use the endstop signals, you will have to keep power on the brown, blue, red and black wires, otherwise the signal will be lost.
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.
LINAK uses its best efforts to fulfil 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.