Actuator LA12
Reed - relative positioning 3 wires
Connection diagram
Connection diagram

12XRXX-XXXXXXX2/3

Please be aware that if the power supply is not properly connected, you might damage the actuator!
## I/O Specifications

<table>
<thead>
<tr>
<th>Input/Output</th>
<th>Specification</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>The actuator can be equipped with a Reed sensor and a spindle magnet that give a relative positioning feedback signal when the actuator moves. The output signal is a PNP signal. See connection diagram, figure above</td>
<td></td>
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</table>
| Brown | 12 or 24VDC (±/-)  
12V ± 20%  
24V ± 10%  
Under normal conditions:  
12V, max. 5A depending on load  
24V, max. 2.5A depending on load | To extend actuator:  
Connect Brown to positive  
To retract actuator:  
Connect Brown to negative |
| Black | Reed output: same as input voltage -1V  
4 pole magnet (Option R)  
2mm pitch = 0.5mm per pulse  
4mm pitch = 1.0mm per pulse  
6mm pitch = 1.5mm per pulse | To extend actuator:  
Connect Blue to negative  
To retract actuator:  
Connect Blue to positive |
| Blue | Max. switching capacity 750mA |
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