BI34 Series Bistable Linear Solenoid Thrust & Pull Type

<table>
<thead>
<tr>
<th>BI</th>
<th>34</th>
<th>F</th>
<th>24 V DC</th>
<th>25 % ED</th>
<th>Order specifications</th>
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<tbody>
<tr>
<td>BI</td>
<td>34</td>
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<td>Linear solenoid</td>
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<td>Design type</td>
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<td>Coil terminals</td>
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<td>Flying leads (10 cm standard length)</td>
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<td>Nominal voltage (standard voltage)</td>
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<td>25 % ED</td>
<td>Perm. duty cycle under air cooled conditions (LK)</td>
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</tbody>
</table>

Preferred types competitively priced and available on a quick delivery.

**BI34-F-24VDC 25%ED**

Weight:
- Complete solenoid: 220 g
- Armature: 58 g

Standard:
- Voltage: 24 V DC
- Flying leads: 10 cm
- Insulation class: B (max. permissible temperature = 130 °C)

Force vs. Stroke diagram $F = f(s)$

- Dotted line: spring force
- Solid line: permanent force

Force measured when operating in horizontal position, at 90% rated voltage and with winding at operating temperature

- Stroke $s = 0$ corresponds to armature in fully home position

Force vs. stroke characteristics measured without return spring

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**Impulse Automation Limited**
**United Kingdom**
**Company Registration 665193**

Information shown in these data sheets are for guidance purposes only, no liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper use of these parts, assemblies or equipment described.
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Dimensions given with armature in fully home position

Direction of stroke

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