Dual Coil Solenoids

Cable Solenoid
Patented, remote cable link solenoid can be used for throttle advance or shutdown requirements. Ideal for applications with space restrictions, extremely hot environments or excessive vibration.

Features:
- Remote mount for installation away from constrained or hostile environments
- Assembled with Model 2003ES high-force solenoid
- 8-14 pound return spring standard for start/stop applications.
- Heavy-duty cable withstands temperature ranges of -63°F to +250°F (-53°C to +121°C)
- Spherical rod end with 0.237” (6 mm) diameter hole
- Corrosion resistant plated steel housing and mounting
- Coils are potted to seal entire solenoid for reliable service under extreme vibration, temperature, dirt, and moisture conditions
- Options include connectors, flexible conduit over leads, and Coil Commander™ solenoid protection modules
- Patented

Solenoid Model 2003ES Features:
- 12 or 24 Vdc
- Base mount
- Ungrounded 3-wire leads
- Return spring 8 lbs (3.6 kg) at rated voltage, 68°F (20°C) and 1” (25.4 mm) stroke

Order Information:

<table>
<thead>
<tr>
<th>ORDER NO.</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA-4744-12</td>
<td>12 Vdc</td>
</tr>
<tr>
<td>SA-4744-24</td>
<td>24 Vdc</td>
</tr>
</tbody>
</table>

E.E.C. Directive Compliance: All parts supplied by Woodward are classified as components, and therefore are not “CE” marked. Please contact factory direct for details on specific product compliance with 89/336/EEC and 89/392/EEC directives.
Specifications:

At rated voltage, 68°F (20°C) and .964" (24.5 mm) stroke

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Pull Current</th>
<th>Hold Current</th>
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</thead>
<tbody>
<tr>
<td>12 Vdc</td>
<td>61.8 A</td>
<td>0.85 A</td>
</tr>
<tr>
<td>24 Vdc</td>
<td>39.0 A</td>
<td>0.46 A</td>
</tr>
</tbody>
</table>

Pull Force

29 lbs (129 N)

Hold Force

41 lbs (182 N)

Cable Length

41.08" (1043.4 mm)

Total Length

50.4" (1280.1 mm)

Specifications and dimensions are for reference only.