Smooth Shift Wet Armature Directional Valve
(F3)DG4S4-01*C-W3-BB-50-S410

<table>
<thead>
<tr>
<th>Model</th>
<th>Spool</th>
<th>Diagram Plate</th>
<th>Spool Kit</th>
<th>Core Tube Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>DG4S4-010C</td>
<td>463385</td>
<td>290341</td>
<td>940711</td>
<td>926547</td>
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<tr>
<td>DG4S4-012C</td>
<td>463387</td>
<td>290343</td>
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<td>DG4S4-016C</td>
<td>463389</td>
<td>290345</td>
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<tr>
<td>DG4S4-018C</td>
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<td>DG4S4-0133C</td>
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<td>577484</td>
<td>940718</td>
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</table>

- **Gasket & Wire S/A**
- **174638 Screw** (4 req'd)
  Torque 0.8 - 0.9 N.m (7-9 lb. in.)
- **166360 O-Ring**
- **416834 Drive Screw** (4 req'd)
  222500 Orifice Plug (Use on -0C- type only) (Tank Port)
- **262334 O-Ring** (5 req'd)
- **286122 Screw** (2 req'd)
- **263493 O-Ring** (2 req'd)
- **407533 Plug** (2 req'd)
  Torque 12.1 - 12.4 N.m (107-110 lb. in.)
- **290072 Spring**
- **217323 Spring**
- **57395 Spacer**
- **400815 Washer**
  Assemble sharp edge towards spring
- **400808 Plunger**
- **64765 Plug**
- **676214 Coil S/A**
- **267726 Screw** (2 req'd)
  Torque 1.4 - 1.8 N.m (12-16 lb. in.)
- **463385**
- **200802 Core Tube**
- **400807 Flange**
  Assemble Chamfer towards body

- **Included in F3 Seal Kit 920109**
- **Included in Fastener Kit 926549**
- **Included in Spool Kit**
- **Included in Coil Kit 926546**
- **Included in Core Tube Kit**
- **Not Available for Sale**
- **Available only in Kits of 25 each**
- **Use on -018C Models only**
**Model Code**

<table>
<thead>
<tr>
<th>(F3)</th>
<th>DG4S</th>
<th>4 * - 01 * C</th>
<th>W3</th>
<th>BB</th>
<th>50</th>
<th>S410</th>
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<tr>
<th>1</th>
<th>2</th>
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<tbody>
<tr>
<td>Seal Material</td>
<td>Model Series</td>
<td>Flow Direction</td>
<td>Solenoid Indicator Lights</td>
<td>Series (NFPA-D02 Interface)</td>
<td>Spool Type</td>
<td>Spring Centered</td>
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<tr>
<td>F3 - Seals for mineral oil and fire resistant fluids</td>
<td>DG4S4 - Directional valve, manifold or subplate mounted, solenoid operated, sliding spool</td>
<td>4 - 4 way</td>
<td>L - Light (Omitted - None)</td>
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**For Models with Solenoid Indicator Lights**

- **298785 Screw**
- **298782 Gasket**
- **Solenoid Indicator Light**
- **Identification Plate**

**Solenoid Indicator Light Kit**

<table>
<thead>
<tr>
<th>Voltage Range</th>
<th>Kit</th>
</tr>
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<tbody>
<tr>
<td>100 thru 127</td>
<td>941615</td>
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</table>

**NOTE**

Refer to Parts Drawing I-3487-S for models with plug-in feature.

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For satisfactory service life of these components, use full flow filtration to provide fluid which meets ISO cleanliness code 20/18/15 or cleaner. Selections from Eaton OFP, OFR and OFRS filter series are recommended.