Solenoid Operated Directional Valve

DG4V-3-*B-M(P**)--*-40
DIN 43650 Coil Mating Receptacles (Not shown)
710776 'A' Solenoid (Grey L.H.)
710775 'B' Solenoid (Black R.H.)

DIN 43650 Coil S/A
(See table)(Includes label)

- Assemble Type 1 and 3 spools with narrow center land towards 'A' port.
  The types 11 and 31 spools are 1 and 3 spools reversed with narrow center land towards 'B' port.

- A spool designation of 68B indicates valve is used as a pilot for two stage valves with 4 or 8 type main stage spools. 68B is used with spring centered units. 78B is used with spring centered units. Refer to dwgs. J-682451 & J-685777 for correct nameplate label.

Refer to Drawing I-3866-S for electrical features and options

Parts prefixed with symbols available only in kits

*Assemble rounded face of washer to mate with spool

*B-9 Reduced Power Consumption Coil

Spool kit also includes parts prefixed with $ and $.

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**Model Code**

DG4 V - 3 - * B - (P)(L) - M (P**) - ** - * - (9) - (***) - 40

1. **Model Series**
   - DG4 - Directional valve, subplate or manifold mounted, solenoid operated

2. **Maximum Pressure Rating**
   - 350 bar (5000 PSI)

3. **Interface**
   - NFPA-D01/ISO-4401-3

4. **Spool Type**

5. **Spring Offset**
   - B - Spring centered
   - Solenoid A removed

6. **Manual Override**
   - (Omit when not required)

7. **Left Hand**
   - (Omit when not required)

8. **Flag Symbol Heading Electrical Features and Options**

9. **Electrical Features**
   - (Refer to Drawing I-3866-S)

10. **Coil**
    - U - DIN 43650 Coil
    - W - Wiring Housing 1/2 NPT thd.
    - WL - Wiring Housing 1/2 NPT thd.
      - (with indicator light(s))

11. **Coil Code Letter**
    - (See table for Voltage and Frequency)

12. **Low Wattage Coil**
    - (B Coil only)

13. **Restrictor Plug (A, B, P or T Port)**
    - (See table for Orifice dia. sizes)

14. **Design**

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

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