

**BRAY RECOMMENDED SPECIFICATIONS**

## Series 63 Solenoid Valve

**Valve Status Monitor Type:**

Bray Series 63 Solenoid Valve or approved equal.

**General:**

- The solenoid shall be Spool Type Operation.
- Shall be convertible from 3-way (3/2) to 4-way (5/2) operation.
- The solenoid shall be compatible with both Double Acting and Spring Return actuators where on/off electrical operation is required.
- Shall be available with single coil or dual coils for actuator operation.

**Coil Housing:**

- Solenoid shall be provided with one of the following coil housings/connectors as specified:
  - General Purpose, Watertight (NEMA 4, 4X)
  - Explosion Proof (NEMA 4, 4X, 7 & 9)
  - IP65 DIN
- Standard construction for NEMA coils shall be molded and potted coil with 18" leads and Class "F" insulation.
- Standard construction for IP65 DIN coils shall be epoxy encased with Class "F" insulation.

**Pneumatic Ports:**

- Shall be 1/4" NPT.

**Connections:**

- Electrical connections for NEMA Housings shall be 1/2" NPT.
- Electrical connections for DIN Housings shall be Cable Gland PG9.

**Manual Override:**

- Solenoid shall be provided with a standard mechanical manual override screw on the side of the solenoid valve block.

**Mounting:**

- All Solenoids shall direct mount to the actuator in any position using NAMUR VDI/VDE 3845 interface Eliminating external piping between solenoid valve and actuator.

**Approvals & Certifications:****Solenoid Coils:**

- UL Certification
- CSA Certification
- Bureau Veritas
- PED/CE Certification