

S100 Series General Purpose Pilot Operated Solenoid Valves

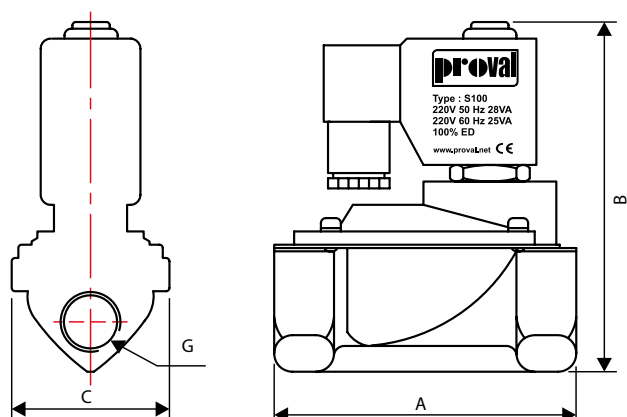
PROVAL S100 Series general purpose solenoid valves are used in water, air, oils and other industrial applications limited with the diaphragm material and pressure range. Viton (FKM) diaphragms allows S100 solenoid valves to be used in partially chemical corrosive lines.

Pilot operated solenoid valves requires min 0.5 bar line pressure to ensure 100% leak free operation.

S100 solenoid valves are available as NO - Normally Open and NC - Normally Closed versions.

LED type connectors provides continuous visual indication of valve open/close position.

Dimensions



NC - Normally Closed
Solenoid Valve



NO - Normally Open
Solenoid Valve

Dimensions(mm)

| Size(G) | A | B | C | Orifice | Kv | Cv |
|---------|-----|-----|-----|---------|------|-----|
| 1/4" | 30 | 62 | 22 | 2,3 | 2,0 | 2,3 |
| 3/8" | 66 | 104 | 48 | 13 | 3,8 | 4,5 |
| 1/2" | 66 | 104 | 48 | 13 | 3,8 | 4,5 |
| 3/4" | 74 | 111 | 58 | 25 | 10,2 | 12 |
| 1" | 96 | 120 | 70 | 25 | 10,2 | 12 |
| 1-1/4" | 129 | 137 | 96 | 38 | 18,8 | 22 |
| 1-1/2" | 129 | 137 | 96 | 38 | 25,6 | 30 |
| 2" | 161 | 158 | 112 | 50 | 40,9 | 48 |



Solenoid Valve
With Timer

Technical Specifications

| | |
|--------------------------|--|
| Type | Pilot Operated (Normally Open/Close) |
| Minimum Working Pressure | 0,5 bar |
| Maximum Working Pressure | 16,0 bar |
| Viscosity | 50 CST |
| ED | 100% ED |
| Working Temperatures | EPDM (-5°C ~ -130°C) / FKM (-5°C ~ -150°C) |
| Body Material | Brass (EN 1503-4) |
| Diaphragm Materials | EPDM / FKM-Viton (Optional) |

Options / Spare Parts



Coil



Diaphragm



Timer



Socket