

Irrigation Solenoid Valve (Manual Lever Option) S8910 Series (G3/4", G1", G1 1/2", G2")

GENERAL FEATURES

- For irrigation systems
- Working Temperature: 5°C / +50°C
- Environment Temperature: -10°C / +50°C
- Not suitable for use with dangerous fluids listed in Group 1
- Minimum operating differential pressure 0,3 bar
- High reliability, quality and performance; long life
- Ideal for the automatic control of media in a wide range of applications.
- Coils interchangeable
- Solenoid valves must be used with filtered fluids.
- Solenoid valve can be mounted in any position without affecting operation; vertical with coil upwards preferred.
- Standard pipe connection is G (BSP) (ISO 228-1)

ELECTRICAL CHARACTERISTICS

| | |
|--|-----------------------------------|
| Continuous Duty | : ED %100 |
| Coil Insulation Class | : H (180°C) |
| Encapsulation Material | : Fiber Glass Reinforced |
| Ambient Temperature | : -10°C, +50°C |
| Protection Degree | : IP 67 cable without socket coil |
| Electrical Safety | : IEC 335 |
| Standard Voltages | : AC and DC -+%10 |
| On request; NPT thread | |
| Voltage Tolerances | : AC -15% , +10% DC -5% , +10% |
| Frequency | : 50 Hz (60 Hz...) |
| On request; connector with LED Specify coil voltage with order | |
| There is latching coil option. | |

MATERIALS

| | |
|----------------|-----------------------------------|
| Body | : Reinforced Nylon |
| Internal Parts | : Stainless Steel |
| Sealing | : 3/4" - 1" EPDM, 1 1/2" - 2" NBR |

TECHNICAL FEATURES

| | |
|---------------|-----------------------------------|
| Max Viscosity | : 5°E (-37cST or mm²/s) |
| Response Time | : Opening Time : 400 ms - 1600 ms |
| Closing Time | : 1000 ms - 2000 ms |

NORMALLY CLOSED

2 WAY

PILOT OPERATED



| S8910 | Connection Size | Pressure min/max | | Fluid Temperature | | Sealing | | | | Weight |
|----------|-----------------|------------------|-----|-------------------|-----|---------|------|---------------------------------|--------------------------------|--------|
| | G | Bar | Bar | °C | | NBR | EPDM | Plastic manual lever (optional) | Handle manual lever (optional) | kg |
| | | | | min | max | | | | | |
| S8910.04 | 3/4" | 0,3 | 10 | +5 | +50 | | ✓ | ✓ | | 0,23 |
| S8910.05 | 1" | 0,3 | 10 | +5 | +50 | | ✓ | ✓ | | 0,23 |
| S8910.07 | 1 1/2" | 0,3 | 10 | +5 | +50 | ✓ | | | ✓ (With latching coil) | 0,74 |
| S8910.08 | 2" | 0,3 | 10 | +5 | +50 | ✓ | | | ✓ (With latching coil) | 0,79 |