

Diving Solenoid Valve for Submersible Applications

This diving solenoid valve features a unique, patented design with a piston structure to prevent leaks. It offers sensitive switching and reliable action, and it can be installed at depths of up to 100 meters underwater.



Overview

Submersible Solenoid Valve

This high-performance solenoid valve features a unique piston structure and patented design, specifically engineered for reliable operation in submersible environments up to 100 meters deep. It offers exceptional leakage protection and sensitive switching capabilities, making it ideal for demanding industrial applications. The valve is versatile, supporting various control modes, voltages, and materials to suit specific working conditions.

Technical Specifications

Pressure Range

- 0-0.3 MPa (no pressure difference)
- 0-0.6 MPa (without pressure difference)
- 0.03 to 0.6 MPa
- 0.03 to 1.6 MPa
- 0.03 to 2.5 MPa
- 0.03 to 4.0 MPa
- 0.03-6.3 MPa

Body Materials

Nodular cast iron • Cast steel • 304 stainless steel • 316 stainless steel

Available Voltages

AC24V, AC36V, AC127V, AC220V, AC380V, DC12V, DC24V, DC36V, DC72V, DC110V, DC220V

Operating Conditions

Temperature Ranges

Type	Range
Medium Temperature	0-60°C, 0-120°C
Ambient Temperature	-10-40°C, -20-40°C, -40-40°C, -10-60°C

Protection Type

Waterproof

Max Submersion Depth

100 m

Applications

Suitable Industries

- Military industry
- Nuclear industry
- Petrochemical
- Electric power
- Energy
- Light industry
- Medical
- Chemical
- Scientific research
- Sewage treatment
- Fountains