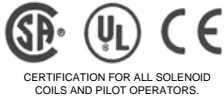


# V-Solenoid II™

Direct Mounting NAMUR solenoid valves for process valve automation



## The V-Solenoid II™ difference

Specifically engineered to pilot pneumatic process valve actuators, the V-Solenoid II™ line of NAMUR solenoid valves have a successful track record of performance and reliability in the process industry. By combining our advanced sealing technology with value engineering we can offer a product that outperforms valves costing twice as much.

The new V-Solenoid II™ line offers proven performance, reliability and excellent value.

## FEATURES

- Advanced sealing technology provides reliable operation for millions of cycles.
- Exhaust feedback - prevents premature spring corrosion.
- Standard coils certified to CSA, and UL standards. **Now available in 0.5W!**
- One valve for both double acting and spring return actuators by simple rotation of rear adapter plate-no tools required.
- Corrosion resistant composite construction with standard manual override.
- Available Low temperature option for -40°C

The V-Solenoid II™ line currently consists of the following four series:

- STANDARD Series
- EXPLOSION-PROOF Series
- INTRINSICALLY SAFE Series
- ATEX Ex Series

Each Series utilize a common valve body, so coils are interchangeable. We offer the flexibility of purchasing the valve body and coils separately to minimize inventory.

ATEX Ex



EXPLOSION-PROOF



INTRINSICALLY SAFE



STANDARD



## SPECIFICATIONS

Cv=0.8, Press: 35-120psig, Temp: -20°C to +60°C, Response: 20ms ON, 40ms OFF



### STANDARD Series

All coils are certified to CSA, UL and CE standards with a wide variety of voltages available. Connector: DIN Industrial form IP65/NEMA 4. A wide variety of other connector options are available. Voltages: 12VDC, 24VDC, 24VAC 50/60Hz, 120VAC 50/60Hz and 240VAC 50/60Hz



### EXPLOSION-PROOF Series

All coils are CSA certified and FM approved for hazardous locations

- Class I; Zone 1
- Ex m II T4; AEx m II
- Class I; Division 1 Group A, B, C and D
- Class II; Group E, F and G
- Class III

Connector: 1/2" metal thread connection for conduit entry with 600mm (24") leads  
Voltages: 12VDC, 24VDC, 24VAC 50/60Hz, 120VAC 50/60Hz and 240VAC 50/60Hz



### INTRINSICALLY SAFE Series

All coils systems are CSA and CE certified, FM and PTB approved for hazardous locations.

- ⓧ II 2G EEx ia IIC T6 or T4 approved.
- IEx ia IIC T6 or T4 approved.
- FM IS Class I Group A, B, C and D, Class II Group E, F and G, Class III

Connector: DIN EN 175301-803-A (ISO 4400)

Coil : Voltage: 24VDC, Current < 37mA, Impedance:275 Ohm +/-8%, T<sub>amb</sub>(Max): 50°C

Barrier (not included): Voltage range: 21.6 to 28VDC, Peak values 28VDC, 115mA, 1.6W



### ATEX Ex Series

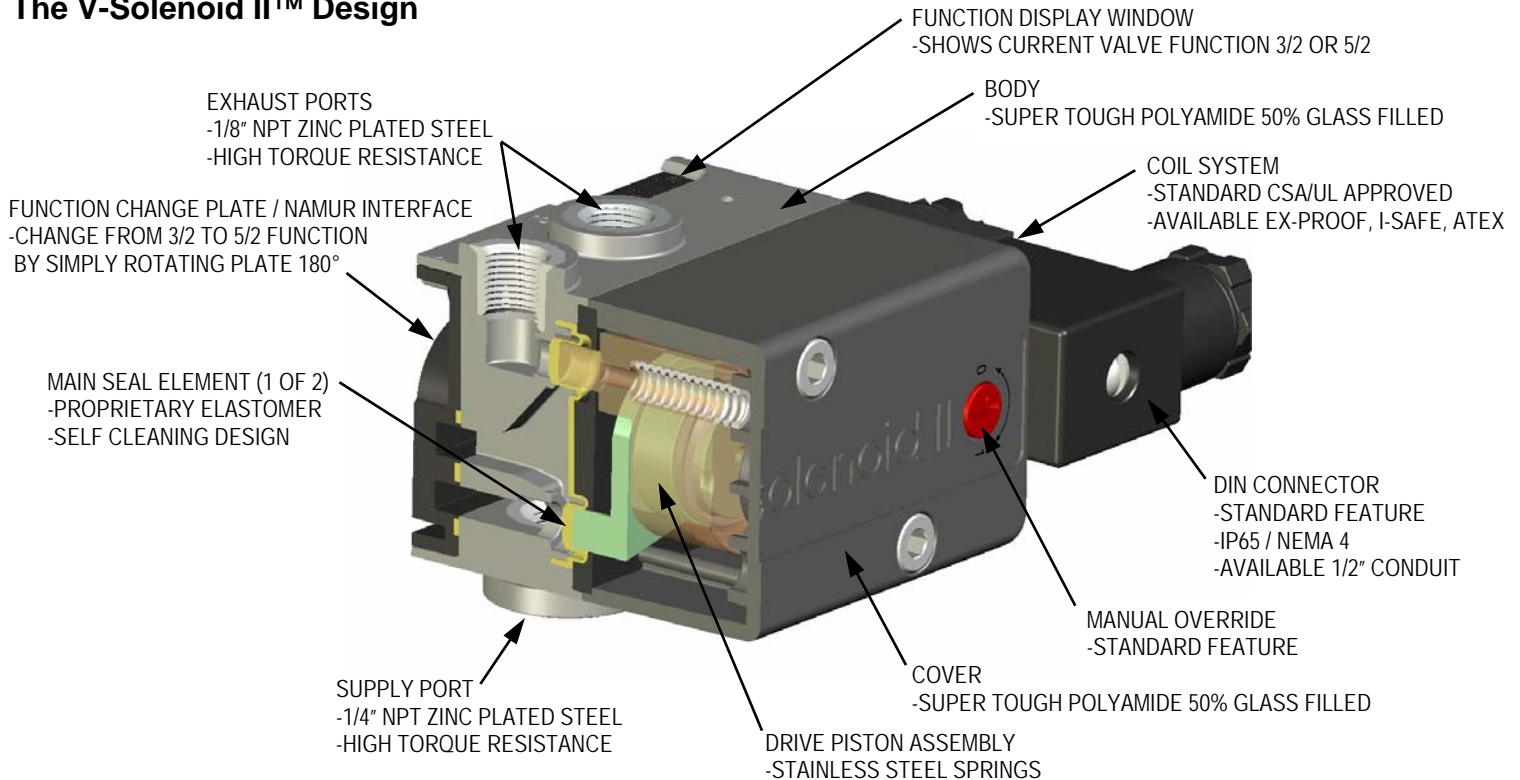
All coils are CE certified and approved by the Physikalisch-Technische Bundesanstalt (PTB)

- ⓧ II 2 G/D EEx m II T6, T5 or T4 approved
- IEC Ex m II T6, T5 or T4 approved

Connector: Encapsulated coil and connector with 3m (9'-10") cable.

Voltages: 12VDC, 24VDC, 24VAC 50/60Hz, 120VAC 50/60Hz and 240VAC 50/60Hz

## The V-Solenoid II™ Design



US AND INTERNATIONAL PATENTS PENDING.

As our policy is one of constant improvement, we reserve the right to make changes to our products at any time without notice.

**Veltri Controls** WORLD CLASS VALVE ACCESSORIES™