



Namur Type Solenoid Valve

Item No. : V-Solenoid II:Standard Series

Description :The STANDARD model will serve most needs. Very high flow rate ($C_v > 1.1$), ideal for large actuators. Corrosion and impact resistant material.
Exhaust ports 1/8" NPT (G1/8, 1/4" NPT and G1/4 optional), Supply port 1/4" NPT.

Specification :

Temperature: -40°F to +140°F [-40°C to +60°C]

Flow: $C_v=1.1$

Pressure: 35 to 120 psig [2.5 to 8 bar]

Ports: 1/4" NPT and NAMUR flange

Response: opening (on) 20ms; closing (off) 40ms

Media: Compressed air-lubricated or unlubricated, Instrument air, Nitrogen.

Construction:

Valve body: Reinforced polyamide (PA)

Sealing material: Proprietary elastomer

Ports: MS nickel plated

Options:

- 1/8" NPT Speed controls
- 1/8" NPT Exhaust mufflers
- Mounting Base
- Imperial mounting fasteners

STANDARD DELIVERY INCLUDES: M5 FASTENERS (PLATED) & O-RINGS FOR NAMUR MOUNT.

Coils

Voltage (+/-10%): 24VDC

120VAC 50/60Hz

240VAC 50/60Hz

OTHER COIL VOLTAGES AVAILABLE UPON REQUEST.

Power consumption: DC 4.8W

AC @60Hz 6.9VA

AC @50Hz 8.5VA

Duty cycle: 100% continuous service

Insulation class: F

Connection: 1/2" NPT conduit entry

Protection class: IP65

NEMA types 1,2,3,

3S,4 and 4X.

Connector:

Standard: DIN industrial form,
suitable for all voltages

up to 250V AC/DC.

Optional: LED AC/DC 24V

LED AC/DC 110V

LED AC/DC 230V

Features :

- Robust, reliable patented 2 piston
4 pillar poppet valve design provides bubble-tight shut-off for millions of cycles**
- Direct Namur standard mounting**
- High air flow ($C_v > 1,1$) and fast response**
- 5/2 function or 3/2 function selectable via 180° turn of the patented rotary sealing plate**
- Exhaust feedback – provides spring chamber with clean instrument air, preventing corrosion and galling**
- Corrosion resistant material with manual override**
- Coils certified to CSA and UL standards. Coils easily changed with a wide selection of voltages available**
- Coil duty cycle 100%**
- Wide operating temperature range: –40 °C to 60 °C (-40 °F to 140 °F)**
- Pressure range: 2 to 8 Bar**
- Operating with air (lubricated and non lubricated) or nitrogen**
- Low maintenance through non lubrication design**
- Long lifespan**
- Coil can be fixed at any 90° increment**
- Weatherproof IP65**
- All models CE certified**