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# Valve, 3-Way, Brass, 12VDC

VGA-3422-181C-NGST-XXL4-D012

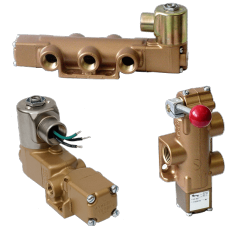


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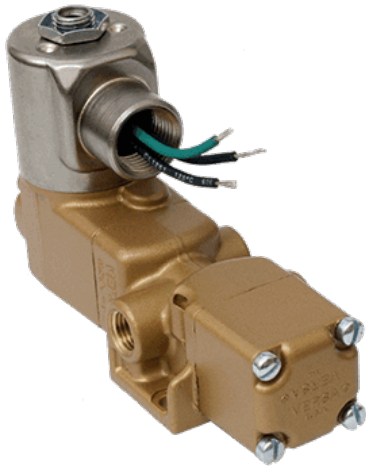


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## Description

### Versa V Series Directional Control Valve

The VERSA 1/2" brass V Series valves are suited for nearly all pneumatic directional control applications. The V Series is designed for trouble-

free performance even in the harshest environments. The integrity of design makes them adaptable to a maximum number of applications with a minimum number of components. This is possible through the modular approach to valve construction, which allows valve bodies and actuating devices to be interchanged end for end and valve for a valve in many cases. The modular approach to this valve design makes thousands of valve variations possible, allowing the customer to "build" his valve to fit his unique specifications.

## Product Features

- Constructed of forged brass for long-lasting, corrosion-resistant strength. Functions without fail when exposed to mud, water, salt, grime, oils and chemicals
- Low-temperature Buna o-ring seals for low-temperature applications down to -40°F

## Solenoid Features

- Solenoid coil connection: 1/2" NPT female conduit with 24" wires

## 100% Leak Tested • 10-Year Warranty

## Specifications

|                            |   |
|----------------------------|---|
| Actuation                  | Solenoid-Pilot \ Hand Lever-Latch Spring Return |
| Function                   | 3-way, 2-pos, NO                                |
| Port Size                  | Body Ported, 3/8" NPT                           |
| Valve Pressure Range (PSI) | 55-130 psi                                      |
| Valve Pressure Range (BAR) | 3.79-8.96 bar                                   |
| Primary Flow               | 3.4 Cv  |
| Media                      | Air - Inert Gas, Natural Gas                    |
| Gas Temperature Range (F)  | -40°F to 104°F                                  |
| Gas Temperature Range (C)  | -40°C to 40°C                                   |
| Dust Temperature Range (F) | -40°F to 104°F                                  |
| Dust Temperature Range (C) | -40°C to 40°C                                   |
| Body & Internal Parts      | Brass   |
| Weight                     | 7.560000  |

## Solenoid Specifications

|                           |   |
|---------------------------|---|
| Solenoid Description      | Hazloc - E Class  |
| Voltage                   | 12 V DC $\pm$ 10% (D012)  |
| Power                     | 9.5 W   |
| Inrush Current (mA)       | 774   |
| Holding Current (mA)      | 774   |
| Resistance $\Omega$       | 15.5  |
| Ingress Protection Rating | NEMA 4X   |
| Electrical Protection     | Not applicable  |
| Area Classification       | Cl I, Grps C,D - Cl II, Grps E,F,G - Cl I, Div 2, Grps A,B,C,D - Cl II, Div 2, Grps E,F,G |
| Coil Class                | Std   |
| T Rating (Gas)            | 3C  |
| T Rating (Dust)           | 3C  |
| Solenoid Housing Material | Steel - Plated  |
| Solenoid Seal Material    | Low Temperature Buna  |
| Solenoid Connection       | 1/2" NPT female conduit with 24" wires  |
| Certification             | cULus   |

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