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# Valve, 4-Way, SST, 24VDC

CGS-4332-316-NE3-XXL4-D024

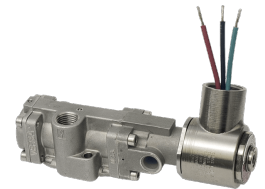
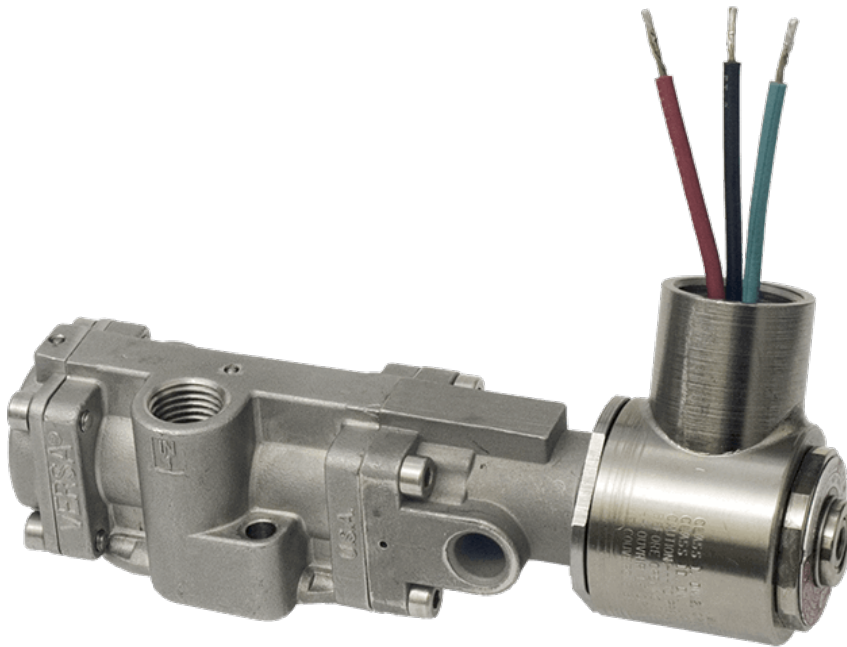
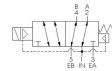


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## Description

### C-316 NAMUR Series Directional Control Valve

The C-316 NAMUR stainless steel valve is available as either a 4-way (for double-acting actuators) or a 3-way (for spring return actuators). When

the 3-way function is utilized, the unused exhaust port becomes an actuator vent where a filter/ muffler can be installed to prevent contaminants from entering the valve or the actuator. The 5-port design allows the user to independently control actuator speed in either open or closed direction by utilizing speed or bleed controls. Double solenoid models are equipped with a detent that maintains the valve in the last shifted position, even in high-vibration applications.

## Product Features

- Constructed of SAE 316L marine grade stainless steel conforming to NACE standard MR-01-75 suitable for direct exposure to sour environments
- FKM o-ring seals perform reliably with exposure to hydrocarbons or highly corrosive fluids over a broad temperature range: equivalent to Viton®, Fluorel®

## Solenoid Features

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

## 100% Leak Tested • 10-Year Warranty

## Specifications

|                            |   |
|----------------------------|---|
| Actuation                  | Solenoid-Pilot   Spring Return          |
| Function                   | 4-way, 2-pos                            |
| Port Size                  | NAMUR 1/4" NPT                          |
| Valve Pressure Range (PSI) | 25-150 psi                              |
| Valve Pressure Range (BAR) | 1.72-10.3 bar                           |
| Primary Flow               | 1.6 Cv                                  |
| Media                      | Air - Inert Gas, Hydraulic, Natural Gas |
| Gas Temperature Range (F)  | -4°F to 104°F                           |
| Gas Temperature Range (C)  | -20°C to 40°C                           |
| Dust Temperature Range (F) | -4°F to 104°F                           |
| Dust Temperature Range (C) | -20°C to 40°C                           |
| Body & Internal Parts      | 316L Stainless Steel                    |
| Weight                     | 1.810000                                |

## Solenoid Specifications

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|                           |   |
|---------------------------|---|
| Solenoid Description      | Hazloc- E5 Class  |
| Voltage                   | 24 V DC $\pm$ 10% (D024)  |
| Power                     | 7.2 W   |
| Inrush Current (mA)       | 320   |
| Holding Current (mA)      | 320   |
| Resistance $\Omega$       | 75  |
| 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    | FKM   |
| Solenoid Connection       | 1/2" NPT female conduit with 24" wires  |
| Certification             | cULus   |

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