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# Valve, 4-Way, SST, 24VDC

CSG-4302-316-XDBT4-D024

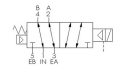


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## Description

### C-316 Series Directional Control Valve

The VERSA C-316 Series stainless steel valve is available as either a 4-way, for double-acting devices or a 3-way, for spring return devices. All

solenoid actuators are solenoid/pilot type, which allows the use of the smallest solenoids available, resulting in low power consumption. This design also assures a positive shifting force, which ensures the valve shifts when energized and reduces the chance of coil burnout.

## 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 integral junction box

## 100% Leak Tested • 10-Year Warranty

## Specifications

|                            |   |
|----------------------------|---|
| Actuation                  | Solenoid-Pilot   Spring Return          |
| Function                   | 4-way, 2-pos                            |
| Port Size                  | Body Ported, 1/4" NPT                   |
| Valve Pressure Range (PSI) | 0-150 psi                               |
| Valve Pressure Range (BAR) | 0-10.3 bar                              |
| Primary Flow               | 2.0 Cv                                  |
| Media                      | Air - Inert Gas, Hydraulic, Natural Gas |
| Pilot Pressure Range (PSI) | 25-150 psi                              |
| Pilot Pressure Range (BAR) | 1.72-10.3 bar                           |
| Temperature Range (F)      | -4°F to 194°F                           |
| Temperature Range (C)      | -20°C to 90°C                           |
| Body & Internal Parts      | 316L Stainless Steel                    |
| Weight                     | 2.640000                                |

## Solenoid Specifications

|                           |   |
|---------------------------|---|
| Solenoid Description      | Hazloc - E4 Class XDB Option  |
| Voltage                   | 24 V DC ±10% (D024)   |
| Power                     | 1.8 W   |
| Inrush Current (mA)       | 75  |
| Holding Current (mA)      | 75  |
| Resistance Ω              | 320   |
| Ingress Protection Rating | IP66 / 67 / 68, NEMA 4X & 6P  |
| Electrical Protection     | Not applicable  |
| Area Classification       | Cl I, Grps B,C,D - Cl I, Div 2, Grps A-D, Cl II, Grps E,F,G - Cl III, Cl I, Zn 1 A/Ex db IIC - Cl II, Zn 21 AEx tD A21, DIP A21 |
| Coil Class                | H   |
| Protection Classification | db tb   |
| Zone                      | 1   |
| T Rating (Gas)            | 4   |
| T Rating (Dust)           | 135   |
| Solenoid Housing Material | Stainless Steel - Type 316L   |
| Solenoid Seal Material    | FKM   |
| Solenoid Connection       | 1/2" NPT female conduit (integral junction box)   |
| Certification             | ATEX, cCSAus, IECEx, INMETRO, KC, NEPSI-CCC, PESO, TR-CU, TS OSHA   |

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