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Valve, 3-Way, SST, 24VDC

CSG-3301-316-XDBT1-D024

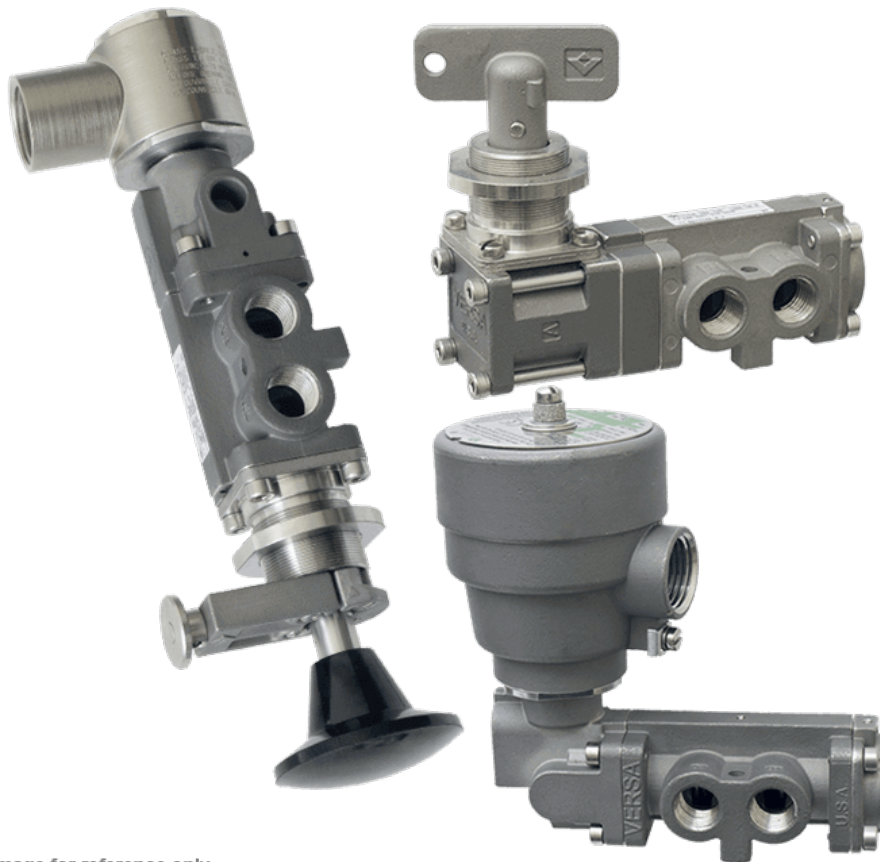
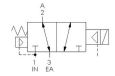


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Description

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 | 3-way, 2-pos, NC |
| 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 | 2.520000 |

Solenoid Specifications

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Solenoid Description | Hazloc - E4 Class XDB Option |
| Voltage | 24 V DC \pm 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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