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Valve, 3-Way, SST, 24VDC

CSG-3301-316-LB-PC-XX-44-D024



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
- 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 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) | 25-120 psi |
| Pilot Pressure Range (BAR) | 1.72-8.27 bar |
| Gas Temperature Range (F) | -40°F to 149°F |
| Gas Temperature Range (C) | -40°C to 65°C |
| Dust Temperature Range (F) | -40°F to 149°F |
| Dust Temperature Range (C) | -40°C to 65°C |
| Body & Internal Parts | 316L Stainless Steel |
| Weight | 1.810000 |

Solenoid Specifications

| | |
|---------------------------|---|
| Solenoid Description | Hazloc- E5 Class |
| Voltage | 24 V DC \pm 10% (D024) |
| Power | 1.8 W |
| Inrush Current (mA) | 77 |
| Holding Current (mA) | 77 |
| Resistance Ω | 312 |
| 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) | 4 |
| T Rating (Dust) | 4 |
| 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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