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Valve, 3-Way, SST, 24VDC

CSG-3321-316-XDBT3-44-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
- 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 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)	25-150 psi
Valve Pressure Range (BAR)	1.72-10.3 bar
Primary Flow	2.0 Cv
Media	Air - Inert Gas, Hydraulic, Natural Gas
Temperature Range (F)	-40°F to 140°F
Temperature Range (C)	-40°C to 60°C
Body & Internal Parts	316L Stainless Steel
Weight	2.570000

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	Low Temperature Buna
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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