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Valve, 3-Way, SST, 12VDC

CGS-3331-316-NE1-XXN4-D012

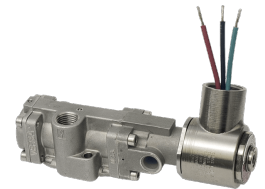


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Description

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	3-way, 2-pos, NC
Port Size	NAMUR 1/4" NPT
Valve Pressure Range (PSI)	25-120 psi
Valve Pressure Range (BAR)	1.72-8.27 bar
Primary Flow	1.6 Cv
Media	Air - Inert Gas, Hydraulic, Natural Gas
Gas Temperature Range (F)	-4°F to 194°F
Gas Temperature Range (C)	-20°C to 90°C
Dust Temperature Range (F)	-4°F to 194°F
Dust Temperature Range (C)	-20°C to 90°C
Body & Internal Parts	316L Stainless Steel
Weight	1.810000

Solenoid Specifications

Solenoid Description	Hazloc- E5 Class
Voltage	12 V DC \pm 10% (D012)
Power	1.8 W
Inrush Current (mA)	160
Holding Current (mA)	160
Resistance Ω	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)	4
T Rating (Dust)	4
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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