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Valve, 3-Way, SST, 24VDC

CGS-3331-316-NE3-ST-XN-D024

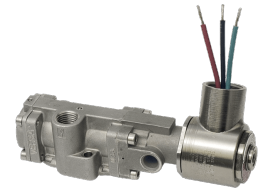


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Description

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: M20 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)	25-150 psi
Valve Pressure Range (BAR)	1.72-10.3 bar
Primary Flow	1.6 Cv
Media	Air - Inert Gas, Hydraulic, Natural Gas
Temperature Range (F)	-4°F to 131°F
Temperature Range (C)	-20°C to 55°C
Body & Internal Parts	316L Stainless Steel
Weight	1.750000

Solenoid Specifications

Solenoid Description	Hazloc - E5 Class XN Option
Voltage	24 V DC ±10% (D024)
Power	7.2 W
Inrush Current (mA)	320
Holding Current (mA)	320
Resistance Ω	75
Ingress Protection Rating	IP65
Electrical Protection	Not applicable
Area Classification	II 2 G Ex d IIB + H2 T3...T6 Gb
Coil Class	Std
Protection Classification	d
Zone	1
T Rating (Gas)	4
Solenoid Housing Material	Enhanced Corrosion Resistant Stainless Steel
Solenoid Seal Material	FKM
Solenoid Connection	M20 female conduit with 24" wires
Certification	ATEX, IECEx, INMETRO, TR-CU

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