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Valve, 3-Way, SST, 24VDC

BAA-3326-957AN-HYA-XDBT2-D024



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Description

B-316 Series Directional Control Valve

The VERSA B-316 Series is a complete line of compact, rugged three-way (3/2), side-ported valves constructed of 316 stainless steel which

conforms to NACE standard MR-01-75. They are designed for use in corrosive environments and to control a variety of aggressive media as well as air. The B-316 Series is the pneumatic leader for use in process control, wellhead and safety shutdown systems.

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	Latch-Reset (Shift Toward Latch Side Latches) Solenoid-Pilot Spring Return
Function	3-way, 2-pos, NO
Port Size	Body Ported, 1/4" NPT
Valve Pressure Range (PSI)	50-175 psi
Valve Pressure Range (BAR)	3.45-12.1 bar
Primary Flow	1.1 Cv
Media	Air - Inert Gas, Hydraulic, Natural Gas
Temperature Range (F)	-4°F to 194°F
Temperature Range (C)	-20°C to 90°C
Body & Internal Parts	316L Stainless Steel
Weight	3.010000

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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