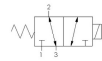




22 Spring Valley Rd.
Paramus, NJ 07652
(201) 843-2400
sales@versa-valves.com

NAMUR Valve, 3-Way NC Universal, SST, 24VDC

DSM-3311-316-NE3-XDDS1-D024



Description

D-316 Series Directional Control Valve

VERSA's D-316 Series valve is a high-performance, high-flow, direct-acting solenoid valve. Designed as a 3-way (3/2), it is a true multipurpose/universal flow, bubble-tight valve throughout its complete operating range and cycle life. Suitable for air, natural gas, and hydraulic media. High-performance stainless steels make the D-316 Series ideal for the harshest environments. The D-316 can be configured for full NACE compliance.

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 integral junction box

100% Leak Tested • 10-Year Warranty

Specifications

Actuation	Direct Acting Solenoid \ Spring Return
Function	3-way, 2-pos, NC
Port Size	NAMUR 1/4" NPT
Valve Pressure Range (PSI)	VAC-175 psi
Valve Pressure Range (BAR)	VAC-12.1 bar
Primary Flow	0.80 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	6.060000

Solenoid Specifications

Solenoid Description	Hazloc - XD direct acting
Voltage	24 V DC \pm 10% (D024)
Power	2.6 W
Inrush Current (mA)	111
Holding Current (mA)	111
Resistance Ω	217
Ingress Protection Rating	IP66 / 67 / 68, NEMA 4X & 6P
Electrical Protection	Freewheeling (flyback) diode, limits reverse voltage
Area Classification	II 2 G Ex db IIC T4 Gb , II 2 D Ex tb IIIC IP66 T135°C Db
Coil Class	H
Protection Classification	db
Zone	1
T Rating (Gas)	4
T Rating (Dust)	135
Solenoid Housing Material	Stainless Steel - Type 316L
Solenoid Seal Material	Fluorosilicone
Solenoid Connection	M20 female conduit (integral junction box)
Certification	ATEX, cCSAus, IECEx, INMETRO, NEPSI-CCC, PESO, TR-CU, TS OSHA

This spec sheet is intended for informational purposes only and while VERSA strives for accuracy, same does not constitute a warranty or guarantee, express or implied, regarding any products or services described herein. VERSA reserves the right to amend its product designs, details, specifications, and other information at any time without prior notice. VERSA also publishes information on its website at [VERSA-Valves.com](https://www.versa-valves.com) and information can be sought by contacting customer service at 201-843-2400 option 3, or emailing to sales@versa-valves.com.