



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

# Valve, 2-Way, SST, 12VDC

ESM-2301-100-XX-D012



## Description

### E Series Directional Control Valve

The VERSA stainless steel E Series offers full-size side-ported valves that are direct solenoid actuated and individually mounted. 1/8" NPT or 1/4"

NPT ports are provided in the valve body. Also available are manifold mounting versions that can be mounted on a manifold that can have 1 to 10 valve stations.

## Product Features

- Constructed of stainless steel
- 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	Direct Acting Solenoid \ Spring Return
Function	2-way, 2-pos, NC
Port Size	Body Ported, 1/4" NPT
Valve Pressure Range (PSI)	0-50 psi
Valve Pressure Range (BAR)	0-3.45 bar
Primary Flow	0.45 Cv
Media	Air - Inert Gas, Natural Gas
Gas Temperature Range (F)	-4°F to 140°F
Gas Temperature Range (C)	-20°C to 60°C
Dust Temperature Range (F)	-4°F to 140°F
Dust Temperature Range (C)	-20°C to 60°C
Body & Internal Parts	Stainless Steel
Weight	1.510000

## Solenoid Specifications

---

Solenoid Description	Hazloc - E Class
Voltage	12 V DC $\pm$ 10% (D012)
Power	9.5 W
Inrush Current (mA)	774
Holding Current (mA)	774
Resistance $\Omega$	15.5
Ingress Protection Rating	NEMA 1,2,3
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)	3C
T Rating (Dust)	3C
Solenoid Housing Material	Steel - Plated
Solenoid Seal Material	FKM
Solenoid Connection	1/2" NPT female conduit with 24" wires
Certification	cULus

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](mailto:sales@versa-valves.com).