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# Valve, 2-Way, SST, 12VDC

ESM-2301-100-PC-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
- Buna-N/nitrile rubber o-ring seals perform reliably with oil, fuel, and other chemicals over broad temperature range

## 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
Temperature Range (F)	-40°F to 104°F
Temperature Range (C)	-40°C to 40°C
Body & Internal Parts	Stainless Steel
Weight	1.220000

## Solenoid Specifications

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Solenoid Description	GP - 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 4X
Electrical Protection	Not applicable
Area Classification	General purpose
Coil Class	Std
Solenoid Housing Material	Steel - Plated
Solenoid Seal Material	Buna
Solenoid Connection	1/2" NPT female conduit with 24" wires
Certification	CSA, UL

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