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# Valve, 2-Way, SST, 120V60Hz

ESM-2301-100-XX-A120



## 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) | 0-75 psi                               |
| Valve Pressure Range (BAR) | 0-5.17 bar                             |
| Primary Flow               | 0.45 Cv                                |
| Media                      | Air - Inert Gas, Natural Gas           |
| Gas Temperature Range (F)  | -4°F to 149°F                          |
| Gas Temperature Range (C)  | -20°C to 65°C                          |
| Dust Temperature Range (F) | -4°F to 149°F                          |
| Dust Temperature Range (C) | -20°C to 65°C                          |
| Body & Internal Parts      | Stainless Steel                        |
| Weight                     | 1.520000                               |

## Solenoid Specifications

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|                           |   |
|---------------------------|---|
| Solenoid Description      | Hazloc - E Class  |
| Voltage                   | 120 V 60 Hz ±10% (A120)   |
| Power                     | 17 VA   |
| Inrush Current (mA)       | 225   |
| Holding Current (mA)      | 142   |
| Resistance Ω              | 146   |
| 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   |

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