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Valve, 2-Way, SST, 24VDC

ESM-2301-80-XX-44-D024



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
- Low-temperature Buna o-ring seals for low-temperature applications down to -40°F

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) | 0-100 psi |
| Valve Pressure Range (BAR) | 0-6.90 bar |
| Primary Flow | 0.26 Cv |
| Media | Air - Inert Gas, Natural Gas |
| Gas Temperature Range (F) | -61°F to 104°F |
| Gas Temperature Range (C) | -52°C to 40°C |
| Dust Temperature Range (F) | -61°F to 104°F |
| Dust Temperature Range (C) | -52°C to 40°C |
| Body & Internal Parts | Stainless Steel |
| Weight | 1.520000 |

Solenoid Specifications

| | |
|---------------------------|---|
| Solenoid Description | Hazloc - E Class |
| Voltage | 24 V DC \pm 10% (D024) |
| Power | 9.5 W |
| Inrush Current (mA) | 381 |
| Holding Current (mA) | 381 |
| Resistance Ω | 63 |
| 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 | Low Temperature Buna |
| Solenoid Connection | 1/2" NPT female conduit with 24" wires |
| Certification | cULus |

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