Bi-Fuel Gas Shutoff Valves

Natural Gas & Propane Fueling Systems



Product Features:

- Direct pilot operated 2-way normally closed solenoid valve with integral Deutsch connector
- Forged aluminum flange-mount body with multiple pressure or temperature sensor port options
- Designed for use with both CNG and propane gas systems
- Bi-Fuel Gas Shutoff Valves are suitable for many industrial based applications

Typical Applications:

- Flexible Fuel Gas Systems
- Industrial Natural Gas Engines
- Stationary Power Generation
- Commercial Generator Sets
- Mining, Oil & Gas, Marine, and Industrial Engines

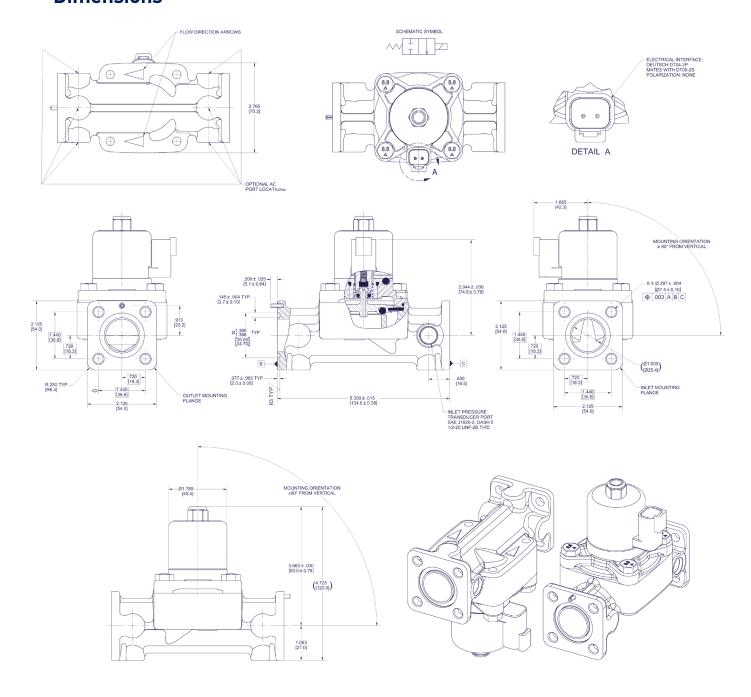


Product Specifications

Valve Function:	2-Way Normally Closed, Direct Pilot Operated
Media Compatability:	Ch4 (Methane), C3h8 (Propane) Gas, 50 ppm H2s Max
Orifice Diameter:	1.100±.005" (27.9±0.1Mm), Cv 11.7
Filtration Requirement:	<25 Micron
Pressure Rating:	0 To 230 Psi (0 To 15.8 Bar)
Internal Leakage Capability:	<2 sccm Over Pressure / Temp Range (sccm)
External Leakage Capability:	<200 M^3/H Per CSA 6.5/Ansi Z21.21 Over Pressure / Temp Range (CSA ANSI)
Temperature Rating (Media):	-40°F To 185°F (-40°C To 85°C)
Temperature Rating (Ambient):	-40°F To 221°F (-40°C To 105°C)
Elastomer Materials:	FKM and HNBR
Voltage:	18 To 32 Vdc (24 VDC Nominal)
PWM Control:	>500 Hz, 2.0 Amp Pulse, 450 milli-Amp Hold (Other options available)
PWM Frequency:	>200 Hz Hold Duty Cycle / Current (Tbc)
Coil Temperature Class:	Nema/UI Class N (200°C)
Coil Noise Suppression:	None (Requirement Tbd)
Coil Thermal Fuse:	None (Requirement Tbd)
Regulatory Approvals:	CSA 22.2 No 213 C1d2, Groups C&D, IP65
Rohs Compliant Materials:	Yes



Dimensions



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