



Pilot Operated High-Pressure Solenoid Valves Compressed Natural Gas Valves

Model No.: IN 1002H



Features :

- Rugged stainless steel valve with piston design built to withstand pressure ratings over 5,000 psi
- High flow design for fast CNG dispensing, reduces vehicle fill time
- Ambient temperature range -22°F to 140°F (-30°C to 60°C)
- PEEK piston provides tight sealing and durable operation
- Suitable for use in Class I, Div. 1 hazardous locations
- Mountable in any position

Construction :

Valve parts in Contact with Fluids	
Body	303 Stainless Steel
Core Tube	303 Stainless Steel
Piston	PEEK
Core and Plugnut	430F Stainless Steel
Springs	304 Stainless Steel
Sealing (U-cup)	PTFE/302 Stainless Steel
Seals	FKM

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption				Spare Coil Part Number	
	DC Watts	AC			Explosion proof	
		Watts	VA Holding	VA Inrush	AC	DC
F	11.6	12	12	12	001	002

Standard Voltages: 24/50-60, 230/50-60 volts AC, or 24 volts DC.

Specifications (English units)

Pipe Size (in)	Orifice Size (in)	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Const. Ref.	Watt Rating/ Class of Coil Insulation	
		Compressed Natural Gas				AC	DC
		Min.	Max.				
3/8	5/16	145	5,070	140	1	12.0/F	11.6/F
1/2	15/32	145	5,070	140	2	12.0/F	11.6/F
1	45/64	145	5,070	140	3	12.0/F	11.6/F

- ISO 228 thread.

Specifications (Metric units)

Pipe Size (in)	Orifice Size (mm)	Operating Pressure Differential (bar)		Max. Fluid Temp. °C	Const. Ref.	Watt Rating/ Class of Coil Insulation	
		Compressed Natural Gas				AC	DC
		Min.	Max.				
3/8	8	10	350	60	1	12.0/F	11.6/F
1/2	12	10	350	60	2	12.0/F	11.6/F
1	18	10	350	60	3	12.0/F	11.6/F

- ISO 228 thread.