



SERIES 291 | CNG Valves

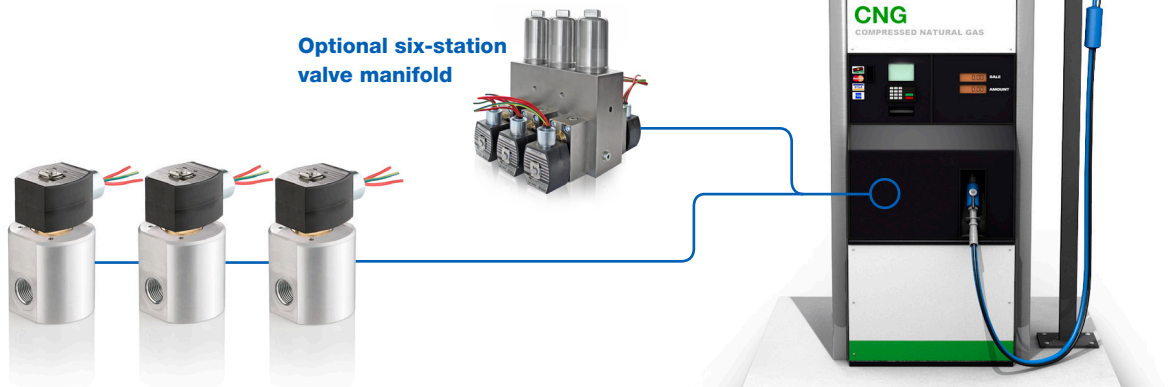
Pilot Operated High-Pressure Solenoid Valves

Applications

Compressed natural gas dispensing

Features & Benefits

- High Pressure:**
 - Rugged stainless steel body and piston design withstand pressure ratings over 5,000 psi
- Optimized Flow Rate:**
 - Provides high CNG dispensing rate for quick vehicle fill time
- Robust Design:**
 - Standard explosionproof and watertight coil is suitable for use in Class I, Div. 1 hazardous locations
 - High quality PEEK piston provides tight seating and durable operation
- Broad Ambient Temperature:**
 - Ambient range of -40°F (-40°C) to 158°F (70°C) is well suited for extreme conditions
- Manifold Assemblies**
 - Three and six-station manifolds save space, reduce leakage paths, and reduce maintenance



Specifications

Pipe Size (in)	Orifice Size (in)	Cv Flow Factor	Operating Pressure Differential (psi)		Max. Fluid Temp. °F	Thread Types	Watt Rating/ Class of Coil Insulation	
			Compressed Natural Gas				AC	DC
			Min.	Max.				
Normally Closed (Closed when de-energized)								
3/8	5/16	1.1	145	5,070	158	NPT, ISO*, SAE [†]	12.0/F	11.6/F
1/2	15/32	2.7						
1	45/64	8.8						

© ISO 228 thread (3/8" and 1/2" only). © 3/8" (SAE 6), 1/2" (SAE 8), 1" (SAE 16)

