



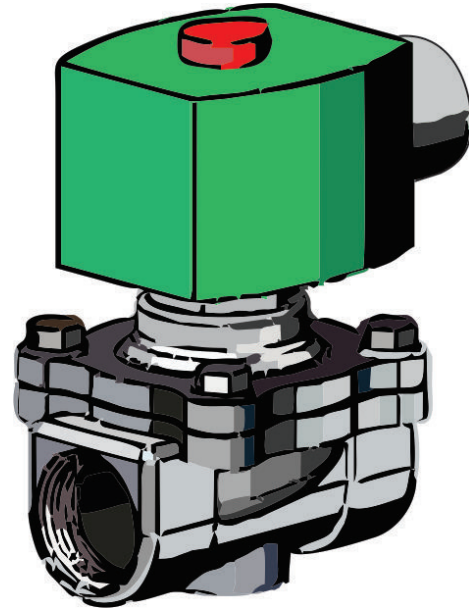
SVNG Series Solenoid Valves for Natural Gas & LPG Normally Closed

SPECIFICATION

Description

The SVNG Series solenoid valves for natural gas and LPG shall be CSA certified for Standard C22.2 No. 139 "Electrically Operated Valves," File 10381 & Automatic Gas Valves Z21.21 (6.5), File 112872, as well as UL Listed as a "Safety Shutoff Valve" & FM approved. They are built to automatically start and stop flow and do not require a minimum pressure drop for operation. The solenoid valves are in the closed position unless energized (normally closed) and remain closed until they receive an electrical signal to open.

Aluminum valves are a lightweight, high flow, economical valve option for low pressure applications.



Materials (Wetted)	
Valve Body	Aluminum
Seals, Diaphragms, Disc	NBR
Disc Holder	PA (10.1 and 11.6 watt NO only)
Core Guide	POM
Core Tube	Type 305 Stainless Steel
Rider RingsBall	PTFE
Core & Plugnut	Type 430F Stainless Steel
Springs	Type 302 Stainless Steel
Shading Coil	Copper

Flow (Cv) & Gas Capacity (BTU)		
Size	Cv	Gas Capacity (in BTU/Hr)
1/2"	4.4	238,500
3/4"	5.1	247,500
1"	21	1,119,000
1-1/4"	32	1,730,000
1-1/2"	35	1,900,000
2"	60	3,251,000

Specifications	
Maximum Allowable Working Pressure	25 psig
Flow Coefficient (Cv)	Varies upon valve size (see table above)
Operating Temperature	32° F to 125° F [0° C to +51° C]
Minimum Pressure Differential	0 psig / 0 barg
Watts	10.1 (1/2" & 3/4" only) / 15.4 Watts
Amperage Holding (120 VAC - 60 Hz)	25 Amps / 10.1 Watts & 27 Amps / 15.4 Watts
Amperage Inrush (120 VAC - 60 Hz)	70 Amps / 10.1 Watts & 160 Amps / 15.4 Watts
Coil Class	F
Leads Length	18" [45.7 cm]
Cleaning	None

