

H-Isolation Valve

350 BAR SOLENOID ISOLATION VALVE 350bar电磁切断阀

Key Features

GFI 350 Bar (5,000 psi) Isolation valve for high pressure gas applications (CNG, Hydrogen, etc...). Carrying over our established solenoid technology from our high pressure regulator product line provides superior performance and industry renowned reliability. The valve body comes standard with four mounting holes and 9/16 SAE inlet/outlet ports for easier systems integration. Each valve is 100% functionally tested, Helium leak checked, and serialized for complete traceability.

- Operating pressure up to 350 Bar (5,000 psi)
- Available in both 12 and 24 volt coils
- Fast response time
- High flow rate with low pressure drop
- Proven solenoid design

主要特性

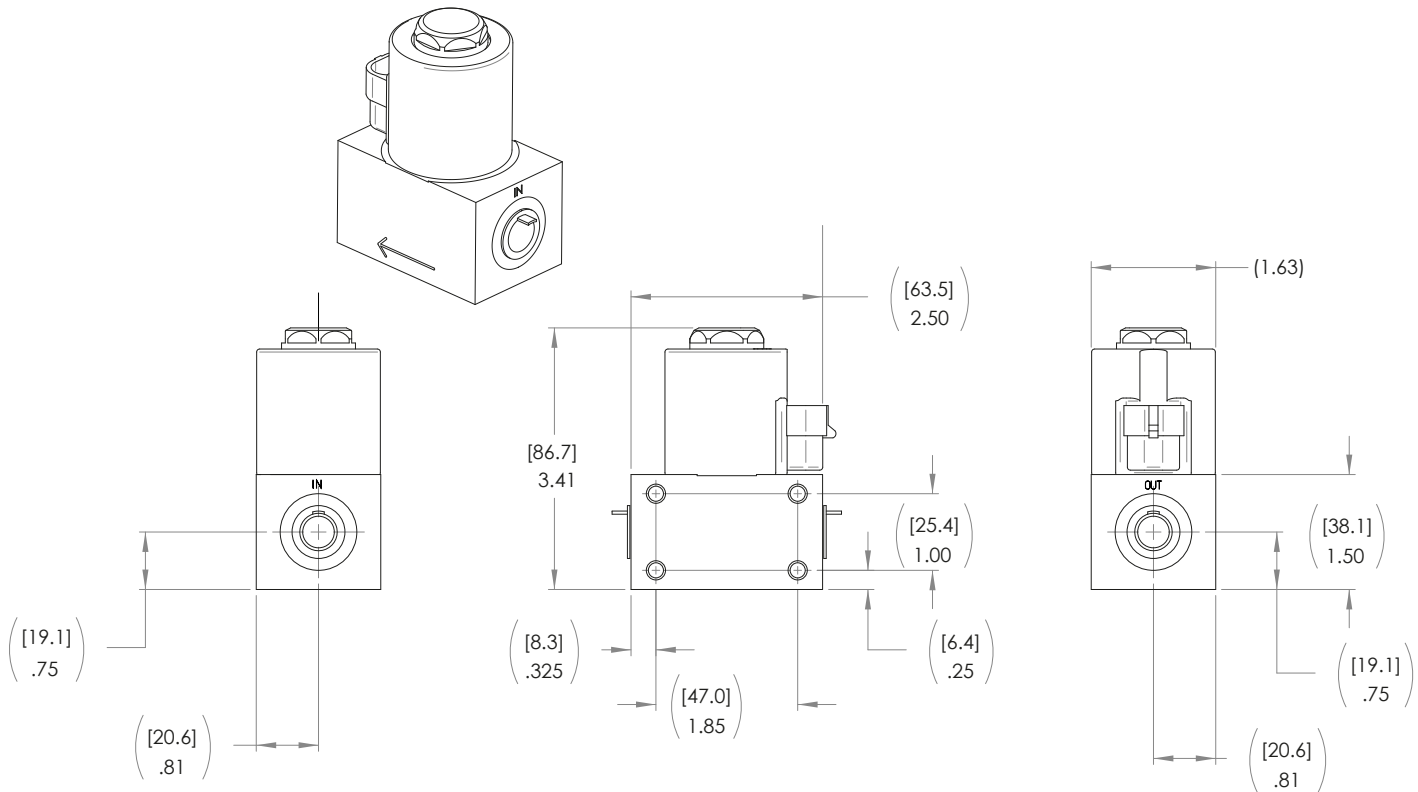
GFI 350bar电磁切断阀是为高压气体系统设计（CNG, CHG等等），利用现有的GFI高压减压器电磁阀技术，性能稳定、使用寿命长。该产品在出厂前都百分百检查，并用氢气测漏，每个产品都可追溯。阀体上共有4个安装孔，系统布置时非常方便，进出口为9/16 SAE接头，可选装其它型号接头。

- 最大工作压力为350bar；
- 支持12V和24V系统电压；
- 响应快；
- 流量大，压降小；
- 成熟电磁阀的设计技术。



SPECIFICATIONS 技术参数

H-Isolation Valve			
GENERAL INFORMATION 基本参数			
APPLICATION 应用	Inline High pressure isolation valve 高压电磁切断阀		
BODY MATERIAL 机体材料	Machined Aluminum, anodized MIL-A-8625 铝		
FUEL TYPE 燃气类型	High Pressure Compressed Natural Gas, Hydrogen		
PERFORMANCE 性能			
RESPONSE TIME 反应时间	400 ms		
BURST PRESSURE 爆破压力	>2.5 x working pressure > 2.5倍工作压力		
OPERATING 最大工作压力	35 MPa (5,000 psig)		
WORKING TEMPERATURE 工作温度	-40°C to 120°C (-40°F to 248°F)		
CORROSION / HUMIDITY 耐腐蚀	500 hrs salt spray B, 100 day cyclic corrosion 500小时盐雾, 100天腐蚀循环		
VIBRATION 振动	As required by ISO, ECE, etc, plus various automotive OEM standards 满足ISO, ECE以及不同OEM标准		
ELECTRICAL 电气	Coil model 线圈型号	12 V	24 V
	Minimum opening voltage 最小开启电压	7 V	14 V
	Nominal voltage 额定电压	14 V	28 V
	Max voltage (constant) 最大稳定电压	18 V	32 V
	Nominal current draw 额定电流	0.83 Amps	0.54 Amps
Connector 12/24 V 线圈接插件	AMP Super Seal		
LEAKAGE 泄漏	<10 ⁻⁴ mBar l/s Helium, external (<10 ⁻³ mBar l/s Helium, internal) 外部泄漏<10 ⁻⁴ mBar 1/s, 内部泄漏<10 ⁻³ mBar 1/s		
APPROVALS 认证			
CERTIFICATIONS 认证	NGV 3.1, ECE R110, ISO 15500 (pending)		
QUALITY 质量控制	Standard APQP protocol applicable. APQP质量体系 PPAP documentation to meet customer request.		



ISO/TS 16949:2009 registered
ISO 9001:2008 registered