

MAGNETICALLY LATCHING SOLENOID VALVE BL SFRIFS

For non-traditional, extreme applications

Designed to adapt to your requirements; customize yours today





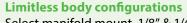
- Epoxy-filled, powder-coated housing Stands up to arctic frost, sandstorms or moisture condensation



Customer-specified elastomers Whether it's ammonia, beer, shop air or sour gas; Gems can outfit your valve with the elastomer you need



Stainless steel or brass construction Optimize for corrosion resistance or cost with brass, 303SS & 316SS standard options



Select manifold mount, 1/8" & 1/4" NPT standard catalog – configurations, or we can help to realize your own



Why is a Gems Latching Valve Right for Your Unique Application?



 Field-proven construction Optional CSA compliant diode pack



Gas Analyzers, **Monitors & Detectors**

- · Wetted materials that won't outgas
- · Zero volumetric change of gas as it passes through

MAGNETICALLY LATCHING SOLENOID VALVE





Pressure Decay Testers

- Bubble Tight
- · Zero volumetric change of gas as it passes through



Portable Test Equipment

- Maximize you battery life
- Withstand any drop test



Beer Dispensing

- NSF Compliant construction
- · Zero coil heat keeps the beer cold
- · Orifice sizes match your beer line to minimize foaming

Magnetically Latching Solenoid Valve Competitive Advantages

- Industry-leading cold temperature operation Unlatch at temperatures below -40°C
- Superior media compatibility Multiple seals and body materials available
- Withstands the elements Epoxy-filled, powdercoated housing keeps mother nature away from the electrical
- Flexible design Vertically-integrated machining, coil winding, assembly & testing ensures you can spec what you need
- Certification-ready with optional:
 - Class 1 divs 1 & 2 compliant diode pack
 - · NSF & FDA compliant materials
 - · Cleaning for oxygen service

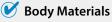
Magnetically Latching Solenoid Valve Standard Options



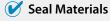
- 6, 12 & 24 VDC
- Positive or negative pulsing
- With or without diode packs



- 1/8" Female NPT
- 1/4" Female NPT
- 5/16" Center Stud Manifold Mount
- · Without body (mounts directly into your manifold)



- Brass
- 303 Stainless Steel
- · 316 Stainless Steel



- Viton
- Nitrile (Buna-N)
- Hydrin
- Perfluorelastomer

Visit GemsSensors.com to view our full range of solenoid valves or to inquire on custom solutions.



D Series High Flow Solenoid Valves



M Series Miniature Solenoid Valves





Custom Solutions



Global Corporate Headquarters

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