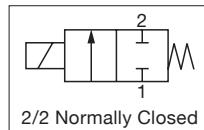


## ASCO™ MINIATURE SOLENOID VALVES

GENERAL SERVICE VALVES, 2-WAY NORMALLY CLOSED - HIGH PRESSURE

- The Series 226 direct acting solenoid valve can be used with both liquids and gases
- Low power versions (0.5W), and latching coil versions (power consumption close to zero) results in a decrease in OEM instrument power consumption as well as a decrease in heat transferred to the fluid media
- Small form-factor saves space in OEM instruments and are well-suited for portable and hand-held field devices
- Multiple electrical connection options offer greater flexibility in OEM instrument design and serviceability
- Meets all relevant CE directives, and is RoHS compliant
- Typical applications include:
  - Dental Equipment
  - Gas Chromatography
  - Industrial Analyzers
  - Respiratory Devices

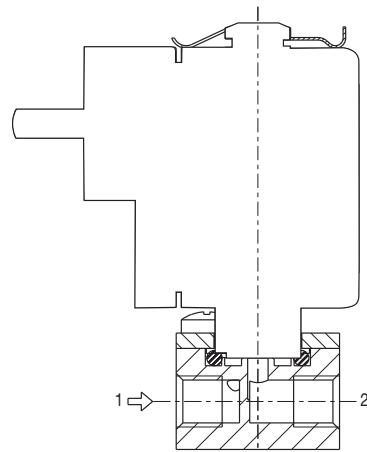


Fluids*	Temperature Range	Seal Materials*
Liquids and gases	0°C to 130°C (32°F to 266°F) (FKM) 0°C to 140°C (32°F to 284°F) (FFKM) -10°C to 90°C (14°F to 194°F) (HNBR)	FKM or FFKM or HNBR

\* Ensure that the compatibility of the materials in contact with the fluids is verified.

## General Valve Information

Body	Brass
Internal components	Stainless Steel
Maximum allowable pressure (PS)	16 bar (232 psi)
Response Time	<10ms
Max viscosity	3°E (22 cStokes or mm <sup>2</sup> /s)
Guide assembly	Stainless Steel



## Electrical Characteristics

Continuous duty	ED 100%
Encapsulation material	PA (Polyamide) fiberglass reinforced
Coil insulation class	F (155°C)
Ambient temperature	-10°C to 60°C (14°F to 140°F)
Electric connection*	DIN 46340
Electrical Enclosure Protection	IP65 (EN 60529) with plug micro-connector
Standard Voltages	DC: 12 VDC, 24 VDC (+10% - 5%)

\* leaded coil on request

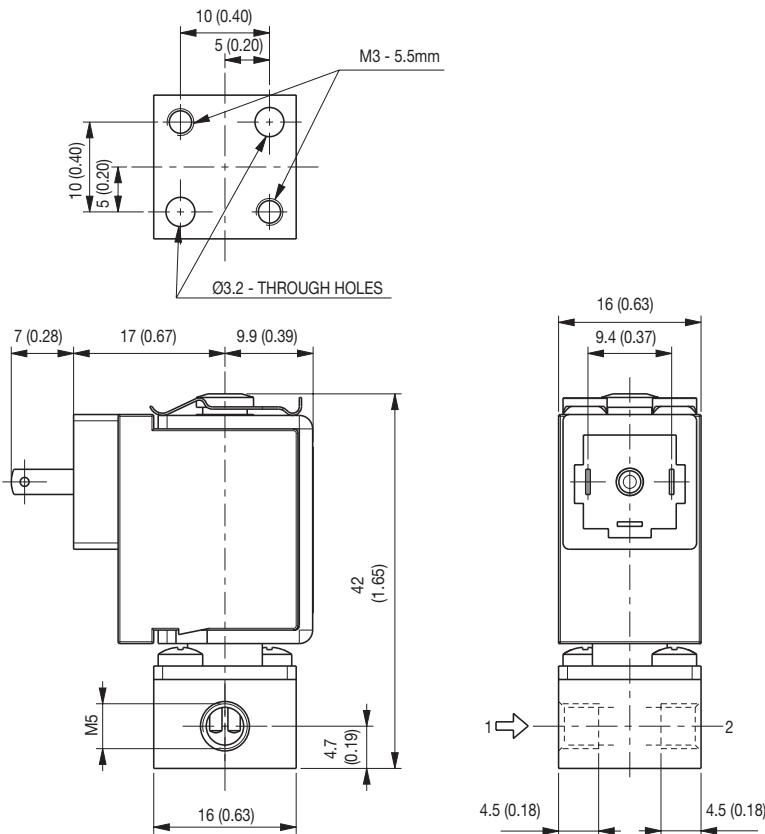
## NOTE:

These micro-solenoid valves are not suitable for stagnating media subject to vaporization which deposit solid, calcareous, incrusting residues or similar. Seal: FKM = Fluoro-carbon elastomer FFKM = Perfluorated elastomer HNBR = Hydrogenated nitrile-butylene elastomer

**Specifications**

Connection	Orifice Size mm (inches)	Operating Pressure bar (psi)				Kv (m <sup>3</sup> /h)	Cv	Power Rating			Sealings	Catalog Number	Voltage			
		Δp max						AC (VA)		DC (W)			12V DC	24V DC		
		Gases		Liquids				Inrush	Holding							
		AC	DC	AC	DC											
M5	1.1 (0.043)	0	0.5 (7.25)	0.5 (7.25)	0.04	0.05	-	0.5	2.5	FKM	H226A540S0A00	F3	-	F1		
			10 (145)	10 (145)												
			14 (203)	14 (203)												
			1.5 (21.8)	1.5 (21.8)												
	2 (0.079)	-	4 (58)	4 (58)	0.10	0.12	-	2.5	4	HNBR	H226A564S0A00	-	F1	F1		
			1.5 (21.8)	1.5 (21.8)												
			4 (58)	4 (58)												
			4 (58)	4 (58)												

**Dimensions: mm (inches)**



**Mounting**

- Solenoid valve can be mounted in any position; vertical with coil upwards preferred.