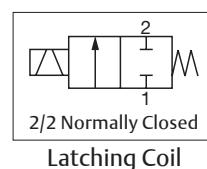
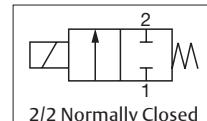


ASCO™ MINIATURE SOLENOID VALVES

DIAPHRAGM SOLENOID FLUID ISOLATION VALVES

- Direct acting solenoid valve for use with neutral or aggressive liquids in analytical instruments
- Small profile and low internal volume well suited for dispensing applications and precise flow control
- Low power consumption results in less heat transfer to thermally sensitive reagents and samples
- Low dead volume improves ability to clean between each cycle
- Typical application include:
 - Clinical Diagnostics
 - DNA Sequencing
 - Immunoassay
 - Sample Preparation



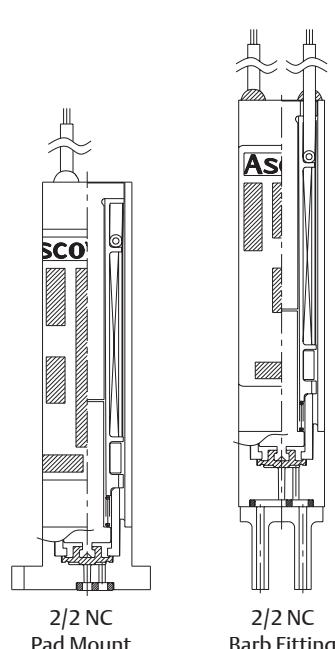
General Valve Information

Body	PPS, PEEK
Seals	FKM, FFKM
Response Time	< 10 ms
Internal Volume	1.2 μ l
Dead Volume	0.75 μ l
Max Viscosity	20 cSt (mm ² /s)

Electrical Characteristics

Coil Insulation Class	B (130°C [266°F])
Connector	Lead Wires (see Electrical Connection)
Connector Specification	32 AWG PVC coated
Standard Voltages*	5 VDC, 12 VDC ($\pm 5\%$)

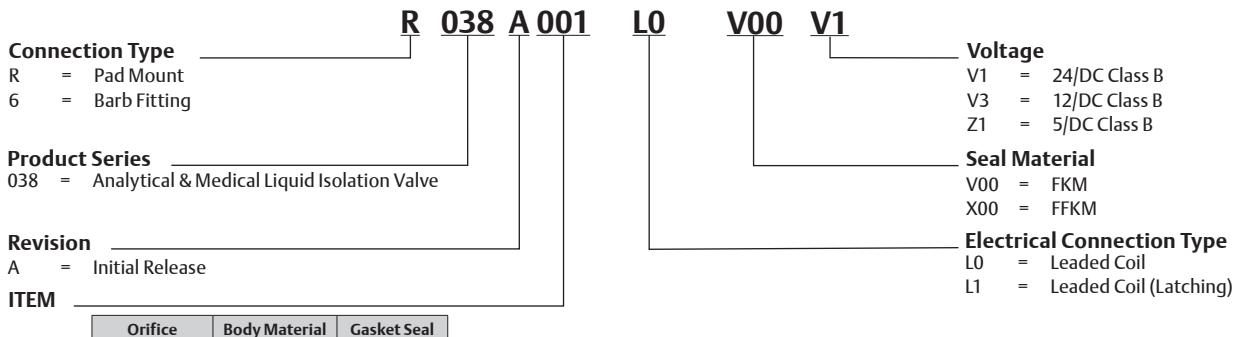
*Other voltages on request



Electrical Connection	Power Ratings				Ambient Temperature Range C° (F°)	Coil Duty	Lead Color			
	Inrush		Holding							
	VA	VA	W	W						
Standard Leaded Coil (L0)	-	-	-	1.2	10 to 50 (50 to 122)	Intermittent, ED = 40%	Black			
Latching Leaded Coil (L1)	-	-	-	1.2		Intermittent, ED = 20%	Polarity: Red: Positive(+); Black: Negative (-)			

Specifications

Connection	Orifice Size	Flow Coefficient	Pressure Differential bar (psi)				Catalog Number
			min.	max.	Power Coil (W)		
	mm (inches)	Kv (m³/h)	Cv	gas / liquids			
2/2 NC - Standard Leaded Coil (L0)							
Pad Mount	0.4 (0.016)	0.0017	0.0020	0 bar (0.0 psi)	1.0 bar (14.5 psi)	1.2	R038A00XL0XXXXXX
Hose Barb	0.4 (0.016)	0.0017	0.0020	0 bar (0.0 psi)	1.0 bar (14.5 psi)	1.2	6038A01XL0XXXXXX
2/2 NC - Latching Leaded Coil (L1)							
Pad Mount	0.4 (0.016)	0.0017	0.0020	0 bar (0.0 psi)	1.0 bar (14.5 psi)	1.2	R03800XL1XXXXXX
Hose Barb	0.4 (0.016)	0.0017	0.0020	0 bar (0.0 psi)	1.0 bar (14.5 psi)	1.2	603801XL1XXXXXX

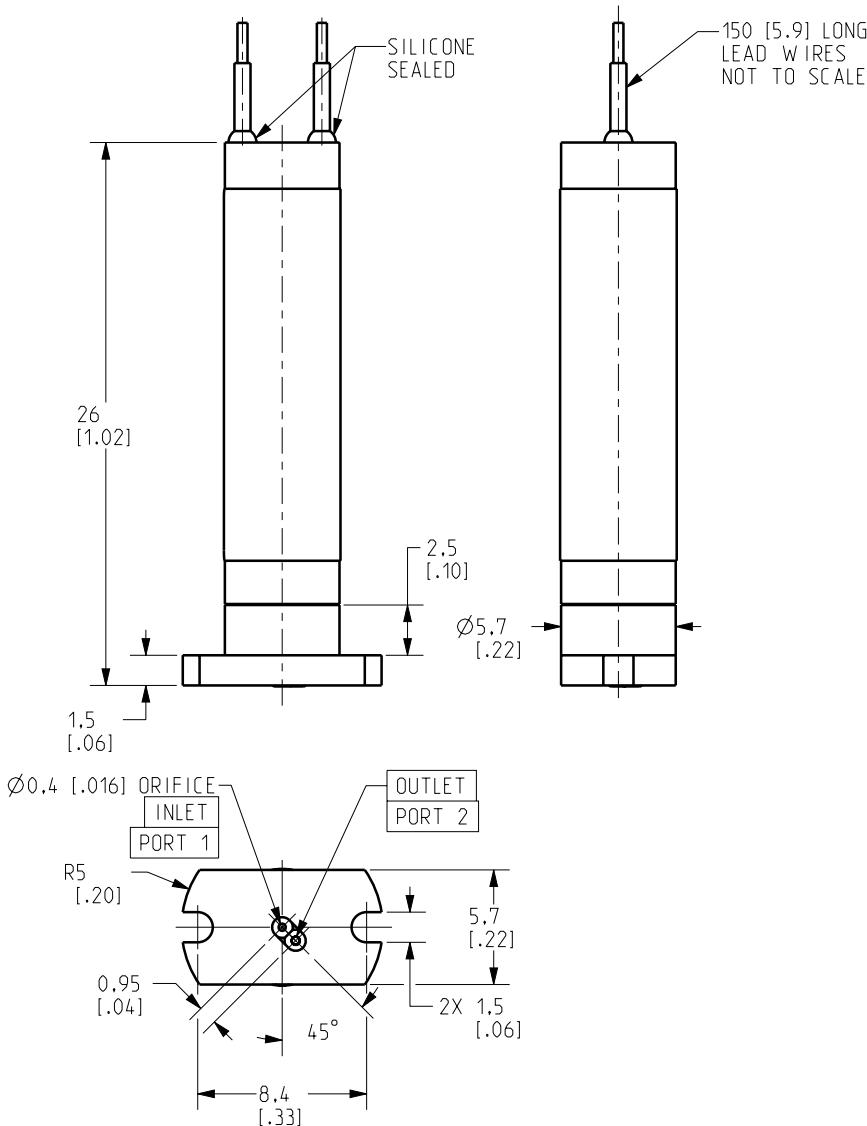
How to Order

ASCO™ MINIATURE SOLENOID VALVES

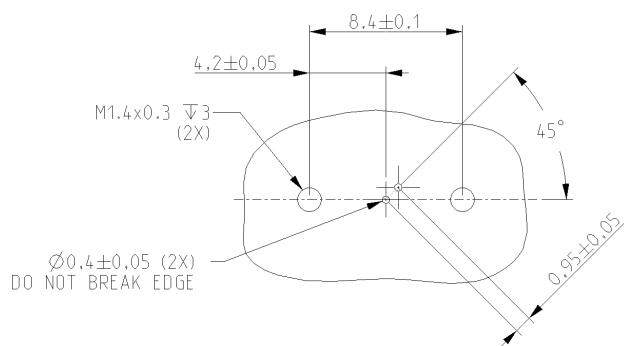
DIAPHRAGM SOLENOID FLUID ISOLATION VALVES

Dimensions: mm (inches)

Connection Type R Pad Mount

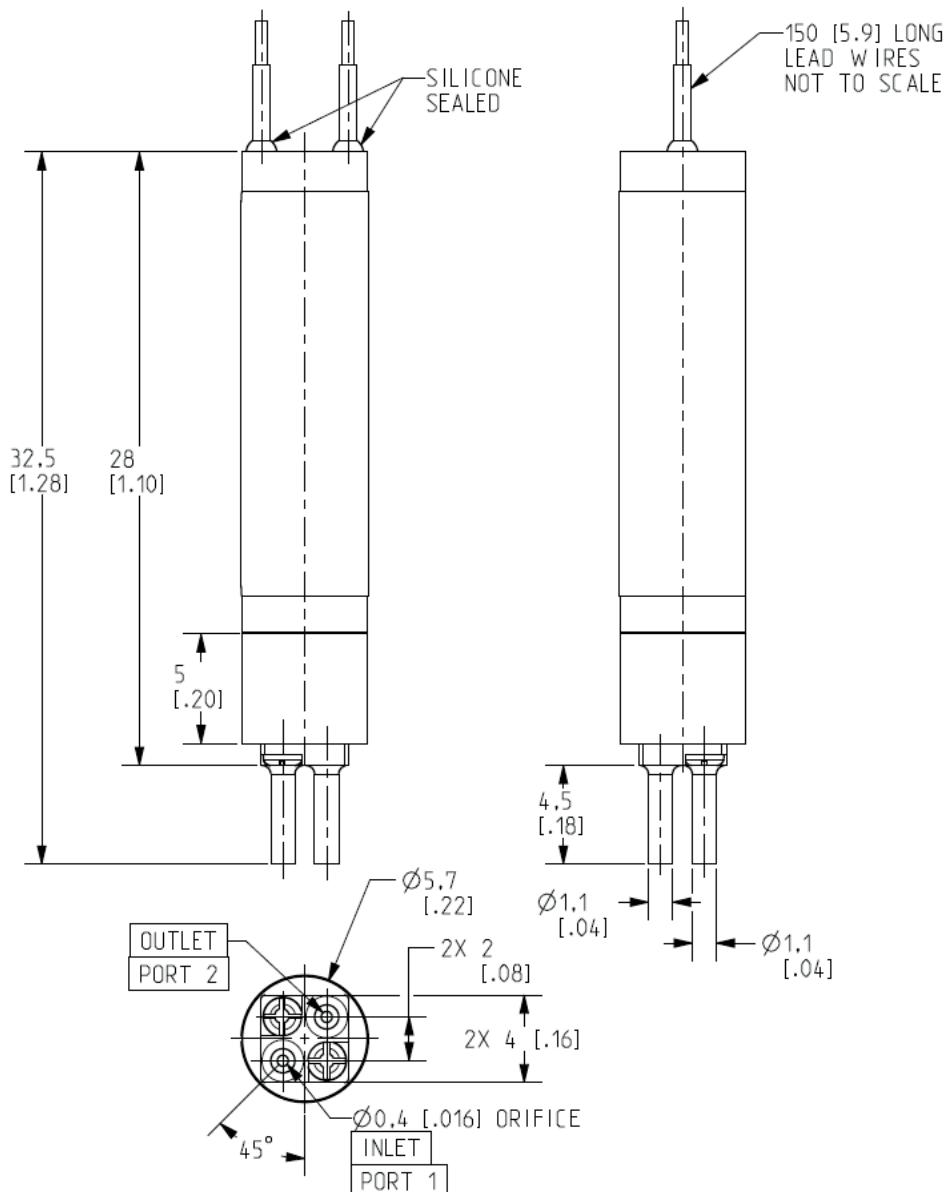


Mounting Pattern for Pad Mount Solenoid Valve



Dimensions: mm (inches)

Connection Type 6
Hose Barb



01100GB-2021-R0

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