## ASCO™ MINIATURE SOLENOID VALVES

GENERAL SERVICE VALVE, COMPACT 2-WAY SOLENOID

series **096** 

- Direct acting solenoid valve for use with air and inert gases
- Manifold mount construction that is suitable for a wide variety of gas application
- Exceptionally long service lifetime ensures maximum reliability

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

- High-flow design is ideal for quickly inflating / deflating therapeutic air bladders in support surface applications
- Typical applications include

Fluids\*

Air, inert gases

**General Valve Information** 

**Electrical Characteristics** 

Coil Insulation Class

Duty Cycle

Connector

Spike and Hold

Body

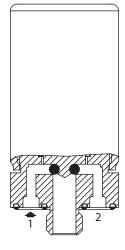
- Hospital Beds
- Therapeutic Support Surfaces
- Endoscopy Drying Systems
- Deep Vein Thrombosis (DVT)

2
1
2/2 Normally Closed

Seal Materials\*

NBR





Other voltages on request.

Standard Voltages\*

Electrical Enclosure Protection

Connector Specification

Electrical	Powe	er Ratings	Ambient Temperature Range		
Connection	Inrush	Holding			
	W	W	°C (°F)		
Lead Wires	7.6	1.9	0 to 55 (32 to 131)		

**Temperature Range** 0°C to 55°C (32°F to 131°F)

В

Stainless Steel

Lead Wires

IP40

12 VDC

2/2 Normally Closed

Specifications											
Connection m	Orifice Size	Flow Coefficient		Operating Pressure bar (psi)		Power Rating (W)					
	mm (inches)	Kv (m <sup>3</sup> /h)	Cv	min.	max.	Inrush	Hold	Catalog Number			
2/2 NC - Normally Closed											
1/4-28 UNF Stud Manifold Mount	4.0 (0.16)	2.621	0.387	0 bar (0 psi)	0.34 bar (5 psi)	7.6	1.9	R096A001L0N00V3			

Intermittent, must use spike and hold noted below Spike at nominal voltage for 500 - 5000 ms max.

Hold at 50% of nominal voltage.

28 AWG PVC Insulated

Asco

BCAE



Visit our website at emerson.com

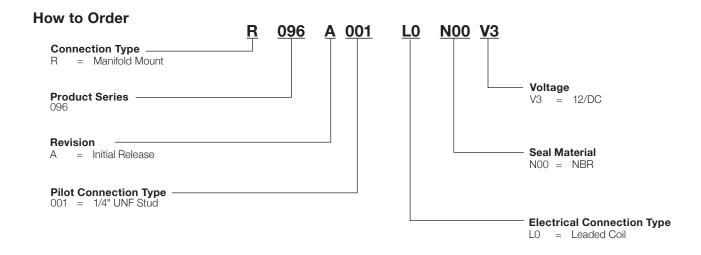
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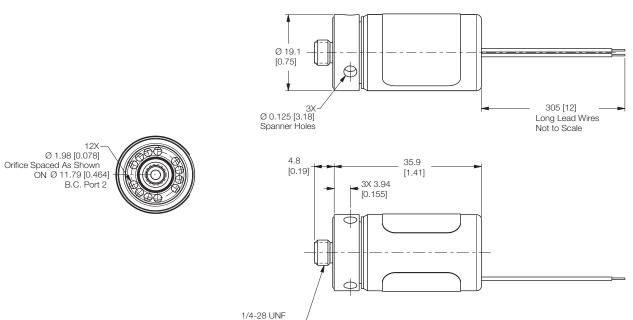


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**Dimensions: mm (inches)** 



Ø 4 [0.16] Orifice Port 1

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