

# Air Logic PNEUMATIC COMPONENTS AND SYSTEMS

## Universal Swivel Bulkhead Fittings

The Air Logic Division of Fred Knapp Engraving Company designs and manufactures a comprehensive line of pneumatic and vacuum control equipment.

New to our product line are the Universal Swivel Bulkhead Fittings. The modular design allows you to design the fitting specifically for your application. The barb size and the swivel barb configuration are both customizable options.

Components for the Universal Swivel Bulkhead can be purchased in a Starter Kit. Assembly is easy; all it takes is a SNAP! No glue or solvents are required to connect the bulkhead base to the swivel barb port using our simple, snap-together construction. If you prefer, we can provide the Swivel Bulkhead Fitting already assembled to your specifications.

The unique design of the modular bulkhead base allows the swivel fitting to rotate 360°, independent of the barbed base. A Double Swivel Bulkhead Base provides the ability to utilize a swivel fitting on both ends of the bulkhead fitting. Three barb configurations are available, the Straight Swivel, the Swivel Elbow and the Swivel Tee. Barbs are available for 1/16", 3/32", 1/8" or .170" I.D. tubing.

The Bulkhead Fitting is precision molded in black Nylon. Buna-N, Ethylene Propylene, Silicone and Viton O-rings are available. An operating temperature range of 40° to 120°F (5° to 48°C.) is recommended

United States Patent Office, Patent Pending.

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### SELECTION GUIDE

Please order assembled Universal Swivel Bulkhead Fittings using the chart below. Choose the Material, the Bulkhead Base, the Swivel Barb Port(s) and the type of O-Ring. (Kit information is on the back page.)

		N	B6	T5		B
Material	Bulkhead Base	Port #1 – HexSide		Port #2 – for DSB		O-Ring
		Swivel Barb Port Configurations				
N – Nylon (Black)	B0 – Bulkhead for 1/16" I.D. tubing	S0 – Straight for 1/16" I.D. tubing		B – Buna-N		
		S3 – Straight for 3/32" I.D. tubing		EP – Ethylene Propylene		
	S5 – Straight for 1/8" I.D. tubing		S – Silicone			
	S6 – Straight for .170" I.D. tubing			V – Viton		
B5 – Bulkhead for 1/8" I.D. tubing	E0 – Elbow for 1/16" I.D. tubing					
	E3 – Elbow for 3/32" I.D. tubing					
B6 – Bulkhead for .170" I.D. tubing	E5 – Elbow for 1/8" I.D. tubing					
	E6 – Elbow for .170" I.D. tubing					
DSB – Double Swivel Bulkhead	T0 – Tee for 1/16" I.D. tubing					
	T3 – Tee for 3/32" I.D. tubing					
	T5 – Tee for 1/8" I.D. tubing					
	T6 – Tee for .170" I.D. tubing					