



Custom Valve Bank Assists with Wind Turbine Blade Control

Challenge:

A manufacturer of wind turbines was looking for a supplier of quality custom manifolds when they contacted Pneumadyne. A new device that they had designed required pneumatic components to control the pitch of a blade.

Requirements:

- Combine three solenoid valves on a single base
- Accommodate 1/16" ID tubing
- Fit an existing footprint for mounting purposes
- Assembly must be lightweight
- Compact size

Solution:

Pneumadyne engineers met the customer's application requirements by supplying them with a compact valve bank. Features of the assembly include:

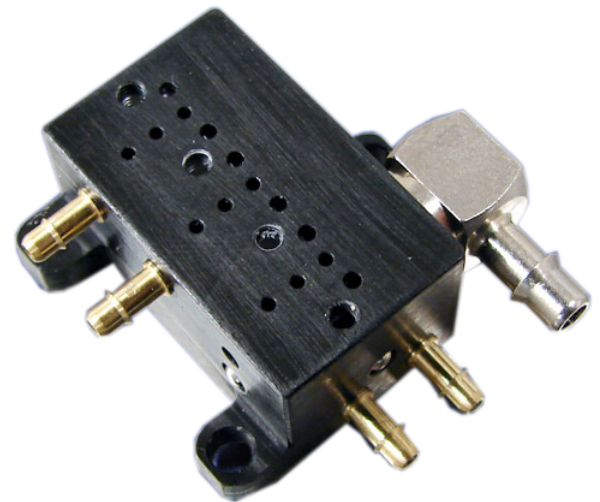
- Interface fits 7mm solenoid valves previously selected by the customer
- Four 1/16" tube ID barbs are built-in to ease installation in the final assembly
- The custom base is black anodized for corrosion and wear resistance
- Mounting holes accommodate the customer's existing footprint

Benefits:

- Built-in barbs for easy installation
- Base is black anodized for increased corrosion and wear resistance
- Lightweight, compact design

Other Applications:

- Automation Equipment
- Test Equipment
- Medical



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