



Other Applications:

- > Automation Equipment
- > Test Equipment
- > Medical



## 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

### For further information:

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