



DAC 633

Both pneumatic and electronic activated valves can be controlled using a Delta analog VVT controller. This controller is specially designed controller communicates on a LAN as a master device using BACnet MS/TP protocol. Input ports support a wide variety of signals including voltage, current, and resistance. The flow rate controller is connected directly to the valve actuator and airflow station, as well as any optional components such as relay switches.

The DAC 633 has 6 analog inputs, 3 analog outputs, and 3 binary outputs onboard. The Flow Rate Controller is programmed using GCL+ rather than using fixed algorithms which make it adaptable to any application. The actuator is controlled by a PI loop programmed into the controller using ORCAview software.

The DAC 633 will read the airflow sensor and control the actuator so that a constant volume flow rate can be attained. When required the DAC 633 will also read a signal that will control and two position constant volume flow rate. Additionally the flow rate controller can input analog signals from or output programmable analog signals to other user defined devices in the system.

Features

- Designed for use with BACnet protocol
- Variable number of Inputs and Outputs using I/O expansion boards
- Fully Programmable in GCL+
- Simple integration into a standard network using Derived Network Addressing (DNA)

Specifications

- BACnet MS/TP at 76,800 bps (max of 99 devices per MS/TP segment)
- Screw type removable connectors
- 24 VAC power supply required
- Operating temperature: 32-131 degrees F (0-55 degrees C)
- 6 universal inputs
- 3 analog outputs (0-10v)

