Programmable Controllers

Programmable controllers are used for system control and data collection. A programmable logic controller (PLC) used available for use in the research lab is a General Electric Fanuc VersaMax utilizing proprietary VersaPro software. The PLC incorporates various special function modules, including a power supply, analogue input, analogue output, high-speed counter, pulse-width-modulation (PWM)/pulse train, thermocouple input, and a IC200CPU001-DF CPU with real floating point data functions and RS-232 and RS-485 communications capabilities.