The Series 4V 1/4 DIN Temperature Controller displays and controls the current position of a valve or damper by accepting a signal from a position indicator such as our QV series. The controls can be programmed for ON/OFF, PID, ramp and soak, auto-tuning or manual tuning control methods. For greater design flexibility, the Series 4V accepts thermocouple, RTD, current or voltage inputs. An auto/manual key is located on the front panel in order to toggle between manual operation and automatic operation. The RS-485 serial communications can work with either ASCII or Modbus® RTU protocol. During normal operation, the controller will display the present value (PV), set point value (SV) and the current valve position (%). The Series 4V is equipped with two programmable alarm set points.

Model 4V-3, Valve Temperature Controller ............................... $165.00

ACCESSORIES
A-277, 250 ohm precision resistor ................................. $7.00
MN-1, Mini-Node™ USB/RS-485 converter ............................. $75.00

SPECIFICATIONS
Inputs: Thermocouple, RTD, DC Voltages or DC Current.
Display: 2 line, 7 segment LED, 4 bits and 2 bits of valve openness display.
Accuracy: ±0.25%, ± least significant digit.
Supply Voltage: 100 to 240 VAC, 50/60 Hz.
Power Consumption: 5 VA max.
Operating Temperature: 32 to 122°F (0 to 50°C).
Memory Backup: Non-volatile memory.
Control Output Ratings: SPST, 5A @ 250 VAC resistive.
Weight: 15 oz (425 g).
Agency Approvals: CE, UL.
Front Panel Rating: NEMA 4X (IP66).