



Universal Process Controller - UC-820

Description

The UC-820 is a digital universal controller used in the automation of industrial processes. It is ideally suited for use with our range of electric and pneumatic control valves and other electrical instruments.

The controller includes a set of universal inputs for RTD, thermocouple (TC), logic (binary) and analog inputs. The controller has options for relay, OC and analog outputs using the innovative SMART PID algorithm.

Main Features

- Universal measuring input: Resistance thermometer (RTD), thermocouples (TC), mA and V.
- Binary input control.
- Set point value: constant value, programmed or from an additional input.
- On/off, PID, PID step-by-step control (valve control) or PID of heating-cooling type.
- 2 relay outputs in standard and 2 optional outputs: relay, OC or analog output.
- Soft-start function.
- 8 types of alarms.
- Timer function.
- Measurement of heating current and check of heater overheating or shortening of the control element (e.g. SSR).
- RS-485 Modbus RTU communication.
- Degree of protection IP65.



Article No.	Model	Price
551714	Universal Process Controller a)	£616.50

a) Standard stock version, which includes:
1 continuous current analog output (0/4...20 mA), 3 relay outputs, 24 V dc supply for transducers, 230 V power supply.

Universal Display - UD-720

Description

The UD-720 is a programmable digital panel display used for the measurement of standard sensor and analog signals applied in automation. It is ideally suited for use with our range of instrumentation such as pressure transmitters, temperature probes and TDS controllers.

Main Features

- Measuring inputs for resistance thermometer (RTD), thermocouples (TC), 0/4...20 mA, 0...10 V, 0...60 mV and resistance (Ω).
- 2 NO relay alarm outputs (standard) plus 2 change-over relay alarms (optional).
- 6 types of alarm functions.
- 0/4...20 mA and 0...10 V outputs for retransmission of any of the measured inputs (optional).
- Password protection.

Article No.	Price
483880	£355.00



Dimensions (mm)

