

Operating Specifications for Digi-3-Coder

Supply Voltage (Autosensed)

Nominal 230v AC, plus or minus 10% tolerance (207 – 253). 50 or 60 Hertz.

Nominal 115v AC, plus or minus 5% tolerance (109 – 121). 50 or 60 Hertz.

Heater

Single Cartridge Heater, 240 Volt AC, 500 Watt. (Part No. HEA 312070)

Normal temperature range: 70°C to 220°C, or 158°F to 428°F

Thermistor

Model No. USP5362 (Part No. THE 312080)

Output Relay Contacts

Fault Relay:- Rated at 24V DC, 1 amp current.

Print Relay:- Rated at 24V DC, 1 amp current.

(Both relays utilise common, normally open or normally closed contacts)

Input Print Signals

Voltage Free contacts. (microswitch, relay or plc etc.)

Voltage 10 – 30 Volts AC or DC (polarity unimportant)

Microprocessor

PIC Micro-Processor type:-.

Controlled by a specific designed membrane panel with inbuilt switches etc.

The temperature display is seen through a translucent panel on the membrane.

Solenoid Valve Output

24 Volt DC, 80mA current normally. (Part No. VAL 312034)

Air Pressure required

4.0 to 6.8 bar

Air Consumption

231cc @ 6.8 bar free air per cycle.

Foil Capacity

153 Metres (500 feet)

Foil Indexing

2mm to 16mm in 0.1mm increments. (*0.078" to 0.625" in 0.005" Increments*)

Dwell Time

10 to 2000 milliseconds.

Print Signal Delay

0 to 999 milliseconds. (Indicated by flashing green LED if activated)