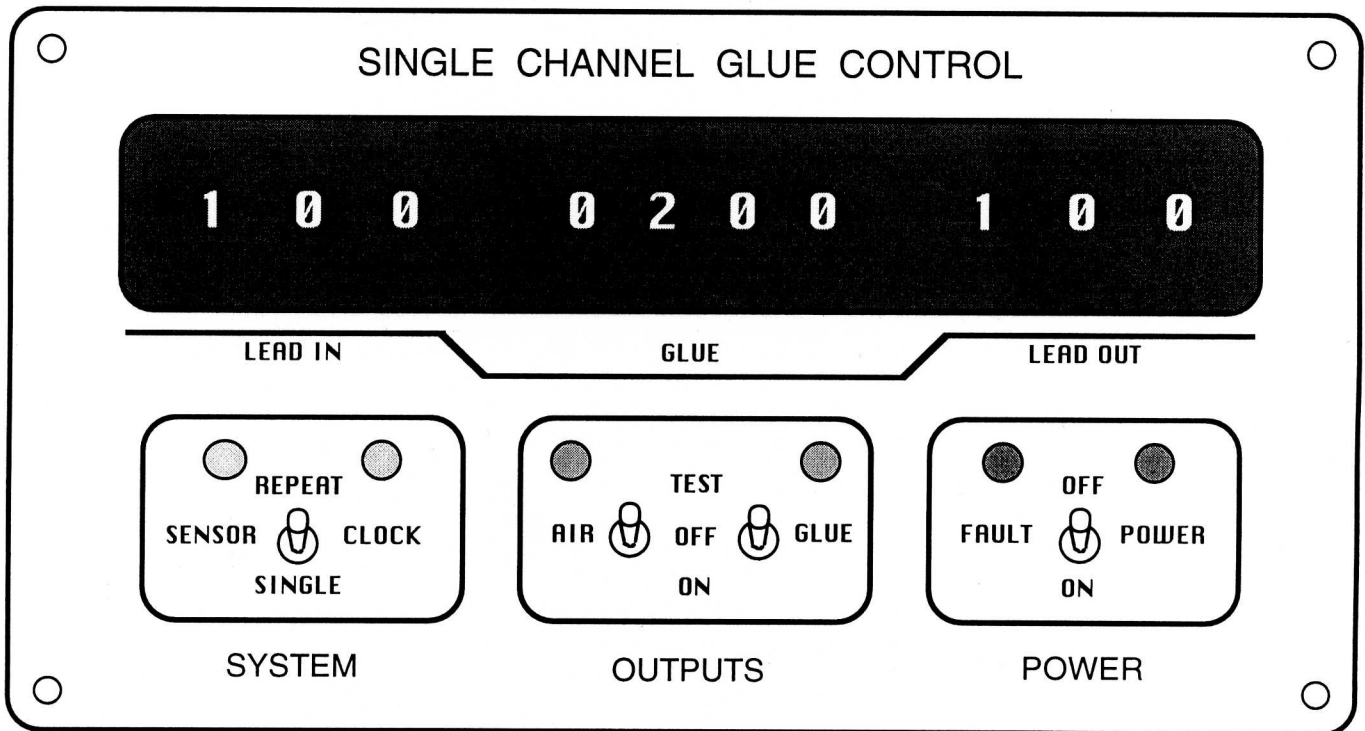


**MAC 100 Adhesive Application System**

## MAC 100 Control Module



### General Information:

This is a single channel output controller that has been designed to operate either with extrusion or spray valves on a wide range of packaging machinery. It is driven by either an encoder running at board speed or a pulse generator programmed at the appropriate speed and so can be used either on fixed or variable speed lines. The REPEAT function means that it can also be used to drive two glue heads for four point gluing applications such as tray erecting, case sealing and anti-slip pallet stabilisation. The control pcb is mounted behind the control panel making this module suitable for installation in either existing switchgear cabinets or as a separate unit in its own enclosure.

### Outline Specification:

Minimum & Maximum settings: Lead In 0-999 mm, Glue Line 0-9999 mm, Lead Out 0-999 mm. With REPEAT function maximum gap between two patterns 999 mm.

Speed Range: Minimum speed 32 mm/sec, Maximum speed 4.0 m/sec.

Voltage Ranges: Input 9-25 Volts AC and 10-30 Volts DC. Output 10-30 Volts DC.

Advance range: (distance between sensor and glue head, set by dip-switch) 2-510 mm.

Compensation range: (response delay for glue head, set by dip-switches) 1-255 m/secs.

Lockout: Once glue cycle has begun cpu is barred from receiving further signals until complete.

Sensor type: NPN or PNP, Diffuse scan or Retro-reflective types, 10-30 Volts DC

Encoder type: NPN or PNP, 10-30 Volts DC

Time base: On board pulse generator / percentage correction feature set by dipswitch. 10-2560mm / sec fixed speed application and 1 - 256 % correction for encoder input signal

Power Supply: Outside power source of either 12 or 24 V DC

