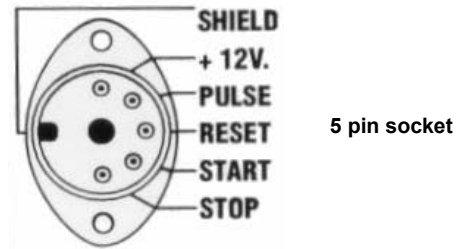


5P - Batch Controller / PLC interface plug option (suit ME995 / ME188)

FEATURES

- Optionally fitted to rear of ME995 Batch Controllers.
- Suitable for external PLC / remote command control (volt-free contacts).
- Suitable for Jonel/Eagle computer system control of ME995 controllers (via ME51C interface cards for high voltage I/Os).



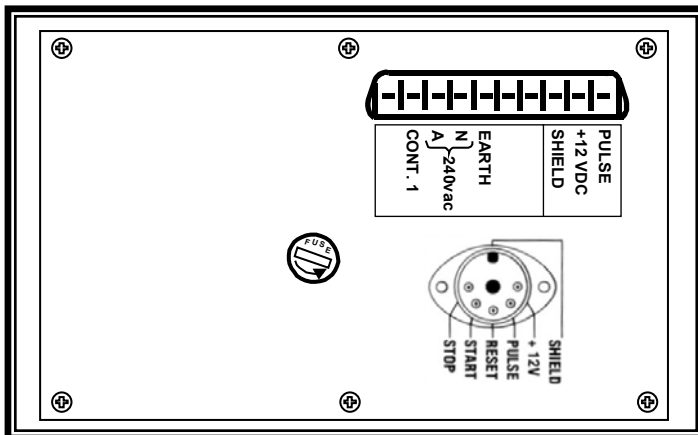
5-pin socket and locking plug fitted to rear of ME995 or ME188 Batch Controllers. Provides interface configuration to PLC/computer batch systems, via Start / Stop / Reset / Pulse / +12V / 0V.

For PLCs

- Start, Stop, Reset generated externally by voltage-free momentary contact between these command lines and the internal +12V of the Batch Controller.
- Pulse output is between Pulse and 0V. Maximum load is 8mA 12VDC sinking pulse.

Pulse Configuration output

- Pulse output is standard 1 millilitre per 1 pulse for Batch Controller models ME995-1 to ME995-6 inclusive and for ME995-7G. 50% duty cycle pulse.
- Pulse output for ME995-7 is 1 litre per 1 pulse; for ME995-7D is 1 pulse/0.1 litre. 70/30% duty cycle pulse duration. (Note: Pulses are divided/scaled by the ME51C interface card option).



Note: Exact setup and incorporation of safety varies for different computer suppliers and installers, depending on whether pump drives are wired direct from PLC or paralleled to PLC and Manu controllers or Manu controllers only.
Operation: When Manu controllers are interfaced with computer systems, a maximum permissible batch quantity must be set on the Manu controller's selector switches. Computer will control batch quantities, starting, stopping and resetting the Manu controller up to the selected maximum. The Manu controller should energise pump or solenoid starts, thus incorporating a true safety system. This way, in the event of a computer batch program malfunction or flowmeter problem, the Manu controller will override and stop the system via pulse fail or at the selected batch limit. This is ideal for a computer system that does not have missing pulse detection. A backup batch facility and verification cross reference is provided.

Due to continuous product improvement, specifications are subject to change without notice.

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