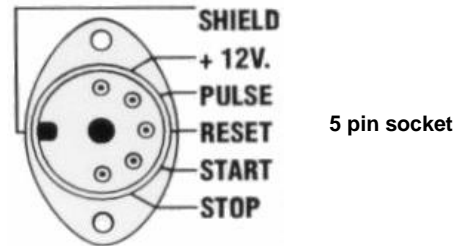


5P - Batch Controller / PLC interface plug option (suit ME995 / ME188)

FEATURES

- Optionally fitted to rear of ME995 Batch Controllers.
- Suitable for external PLC / remote command control (volt-free contacts).
- Suitable for Jonel/Command Batch computer system control of ME995 controllers (via ME5IC interface cards for high voltage I/Os).



5-pin socket and locking plug fitted to rear of ME995 or ME188 Batch Controllers.

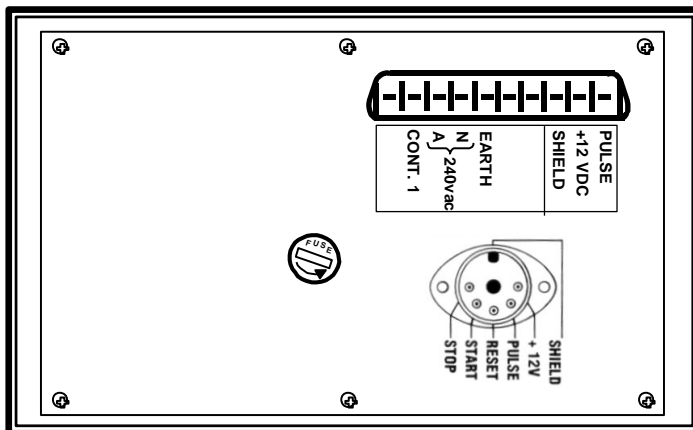
Provides interface configuration to PLC/computer batch systems, via Start / Stop / Reset / Pulse / +12V / 0V.

The interface is used for connection to:

- ❖ **PLCs with volt-free momentary commands e.g. Equinox Systems**
 - 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.
- ❖ **PLCs of varying command voltages via ME5IC interface cards e.g. Jonel, Archer, COMMANDbatch.**

Pulse Configuration output

- Pulse output is standard 1 millilitre per 1 pulse for Batch Controller models ME995-1 to ME995-6 inclusive. 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 ME5IC interface card option).



Note: Exact setup and incorporation of safeties varies for different computer suppliers and installers, depending on whether pump drives are wired direct from PLC, or paralleled to PLC and ManuFlo controllers, or to ManuFlo controllers only.

Operation: When ManuFlo controllers are interfaced with computer systems, a maximum permissible batch quantity must be set on the ManuFlo controller's selector switches. Computer will control batch quantities, starting, stopping and resetting the ManuFlo controller up to the selected maximum. The ManuFlo 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 ManuFlo 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.

ManuFlo®™

Flow Measurement Products

Email: sales@manuelectronics.com.au

Web: www.manuelectronics.com.au

a division of

ABN: 47-002-946-303

Rev: 1109/1

MANU ELECTRONICS PTY LTD

41 Carter Road, Brookvale

Sydney NSW 2100 Australia

Ph: + 61 2 9938-1425, 9905-4324

Fax: + 61 2 9938-5852