

# CPI Revision E Baseboard Application Note



## Baseboard IFE1131 Revision E

This is the baseboard used in CPI Indicators. Modifications have been implemented that now permit bipolar connection on inputs and outputs that can be wired to switch high or low thus suiting different PLC formats. The unused provision for a fourth and fifth output has been removed.

The changes mean that the I/O terminal positions on the 12-way connector differ from units using the previous Revision C baseboards. This means that units will not be directly interchangeable without rewiring the two-part connector.

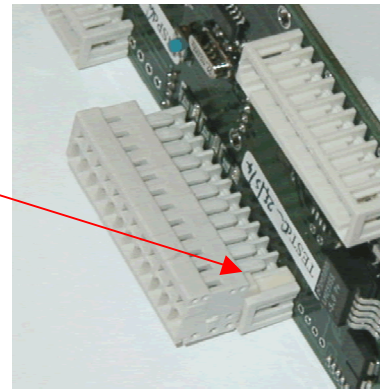
## Identification

All indicators fitted with the Revision E baseboard will be identifiable by 'REV.E' marked on the termination label at the rear of the case. Note also the firmware version prompted at power on is PO6.1xx for Revision E and later whilst Revision C use versions PO6.0xx.

## Interchanging Units

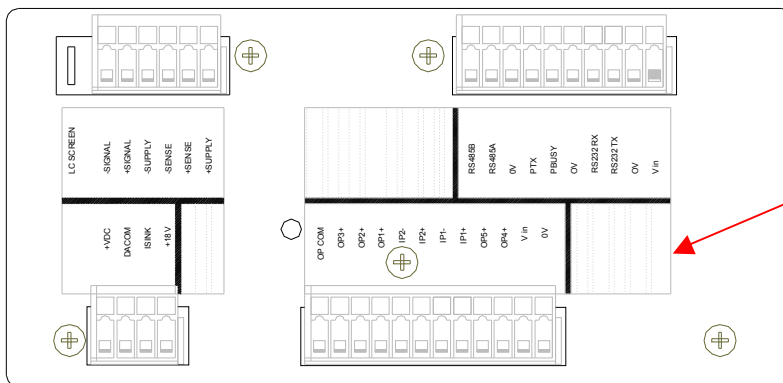
To deter misconnection, new baseboards will have a 'polarising' pin. This requires the mating connector to have the corresponding leg removed.

IFE1131 Revision E Baseboard shown fitted with its 'polarising' pin and mating 12-way connector.

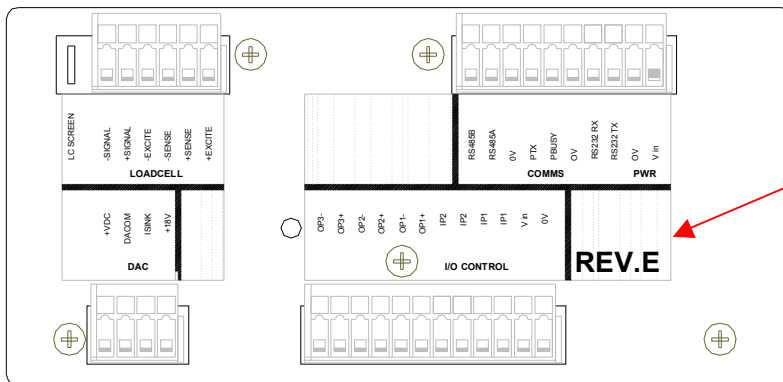


To plug a new unit into the connection of an earlier unit, rewire the connector to suit the revised terminal positions and then snip the leg to permit the connector to fit.

Terminal connection labels:



Terminal connection label - Revision C Baseboard.



Terminal connection label - Revision E Baseboard Note 'REV.E' identity.