

Test Procedure; SPI232-1100 v2

CALIBRATION

1. Connect jig as shown on diagram.
2. Set switches on jig:-
 - Switch A - A.
 - Switch B - 240Ω
 - Switch C - 20mA
 - Switch D – Down

Adjust load pot on SPI232 until reading on 'OUT' display matches 'IN' display on jig.
(Within ± 0.01)

3. Set switch 'C' to 12mA, check 'OUT' display is within ± 0.04 of 'IN' display.
4. Set switch 'C' to 4mA, check 'OUT' display is within ± 0.08 of 'IN' display.
5. Set switches on jig:-
 - Switch A - V.
 - Switch B - 0Ω
 - Switch C - 20mA
 - Switch D – Down

Adjust load pot on SPI232 until reading on 'OUT' display of jig reads 5.00 (within ± 0.01).

6. Set switch 'C' to 12mA, check 'OUT' display of jig reads ± 3.00 (± 0.01).
7. Set switch 'C' to 4mA, check 'OUT' display of jig reads ± 1.00 (± 0.02).
8. End of test.

