



3-C761-01

CALIBRATION PROCEDURE.

262-DDR.

1. Connect the input and the auxiliary supply to the rapid test fixture.
2. Plug the spare plug into terminal (15) and place instrument in fixture.
3. Adjust RV6 (Pot at rear) fully anticlockwise. Then apply required auxiliary supply and adjust R206 (Zero Pot) to achieve zero on display.
4. Set the calibration source to 50 millivolts and adjust R205 (Span Pot) to overrange the instrument.
5. Adjust RV6 (Pot at rear) to display 0019-0025 then adjust back pot to overrange display.
6. Apply 25 millivolts and check that the display reads over 1000.
7. Return the calibrator to zero.
8. Move the plug from terminal (15) to terminal (14) in the instrument fixture.
9. Set the calibration source to 100 millivolts and check that the display overranges.
10. Then apply 50 millivolts and check that the display reads over 1000.
11. Return the calibrator to zero.
12. Move the plug from terminal (14) to terminal (16) in the instrument fixture.
13. Set the calibration source to 5 volts and check that the display overranges.
14. Then apply 2.5 volts and check that the display reads over 1000.
15. Return the calibrator to zero.
16. Move the plug from terminal (16) to terminal (13) in the instrument fixture.
17. Set the calibration source to 20 volts and check that the display overranges.
18. Then apply 10 volts and check that the display reads over 1000.
19. Return calibrator to zero.
20. Move the plug from terminal (13) to terminal (1) in the instrument fixture.
21. Set the calibration source to 200 volts and check that the display overranges.
22. Then apply 100 volts and check that the display reads over 1000.
23. Switch off.

PROJECT 1141

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|--|-------------|---|----------------|---|-------|--|-------|
| MATL. | | GENERAL TOLERANCES UNLESS OTHERWISE STATED | | | | FINISH | |
| MATL. SPEC. | | COMP. STK. No. | | 00.0 | ± 0.5 | 00.00 | ± 0.1 |
|  ALL DIMENSIONS IN MILLIMETRES | | DO NOT SCALE | | USED ON 3-9682-00 | | SCALE | |
| | | | | DRAWN <i>1Bylead</i> | |  CROMPTON INSTRUMENTS LTD WITHAM ESSEX ENGLAND | |
| | | | | CHECK | | | |
| | | | | DATE 30-9-92 | | | |
| 0 | NEW DRAWING | <i>18</i> | <i>30-9-92</i> | TITLE 262-DDR CALIBRATION PROCEDURES | | DRG No. 3-C761-01 | |
| REV | DESCRIPTION | SIG | DATE | DMR | | | |