



Setting guidance for DPM Series meters

DPM 48/2000 SNT Setting for input 4...20mA and display 0...30.0

DPM 48/2000 SN Setting for input 4...20mA and display 0...100

DPM 48/2000 SNT Setting for input 4...20mA and display 0...100

DPM 48/2000 SNT Setting for input 0...10V and display 0...1

DPM 48/2000 SNT Setting for input 4...20mA and display 0...30.0

Page 9 of instruction manual: MEASURING INPUTS

- A. Connect power supply to terminals L1 and N.
- B. Fit a short wire link between terminal 3 and terminal 6.
- C. All current inputs (eg. 4...20mA) will be connected to terminals 4 & 6.
Do not connect yet.

Page 11: SELECTION OF THE BASIC RANGE

- D. At the rear of the meter, remove the safety cover over the pin connector.
- E. Fit a jumper link (vertically) at position 11 only
- F. Refit the safety cover.

Page 13: ZERO SHIFT

- G. Remove the front cover.
- H. Input 80mA from a calibrated current source (terminals 4 and 6).
- I. Turn potentiometer ADJ until the display shows 1500.
- J. Disconnect the input current.
- K. At the rear of the meter, remove the safety cover over the pin connector.
- L. Fit a jumper link (vertically) at position 1.
- M. Refit the safety cover.

(A less accurate setup can be achieved using 20mA input from a calibrated source and turning ADJ until the display shows 375.)

- N. Input 4mA from a calibrated current source.
- O. Turn potentiometer LZ until the display shows 000.
- P. Disconnect the input current.

Page 15: SETTING THE DECIMAL POINT

- Q. On the front of the meter fit the jumper in position 3.
- R. Replace the front cover.

Page 9 of instruction manual: MEASURING INPUTS

- A. Connect power supply to terminals L1 and N.
- B. Fit a short wire link between terminal 3 and terminal 6.
- C. All current inputs (eg. 4...20mA) will be connected to terminals 4 & 6.
Do not connect yet.

Page 11: SELECTION OF THE BASIC RANGE

- D. At the rear of the meter, remove the safety cover over the pin connector.
- E. Fit a jumper link (vertically) at position 11 only
- F. Refit the safety cover.

Page 13: ZERO SHIFT

- G. Remove the front cover.
- H. Input 28mA from a calibrated current source (terminals 4 and 6).
- I. Turn potentiometer ADJ until the display shows 1500.
- J. Disconnect the input current.
- K. At the rear of the meter, remove the safety cover over the pin connector.
- L. Fit a jumper link (vertically) at position 1.
- M. Refit the safety cover.

(A less accurate setup can be achieved using 20mA input from a calibrated source and turning ADJ until the display shows 1071.)

- N. Input 4mA from a calibrated current source.
- O. Turn potentiometer LZ until the display shows 000.
- P. Disconnect the input current.

Page 15: SETTING THE DECIMAL POINT

- Q. On the front of the meter fit the jumper in position 3.
- R. Replace the front cover.

DPM 48/2000 SNT Setting for input 4...20mA and display 0...100

Page 9 of instruction manual: MEASURING INPUTS

- A. Connect power supply to terminals L1 and N.
- B. Fit a short wire link between terminal 3 and terminal 6.
- C. All current inputs (eg. 4...20mA) will be connected to terminals 4 & 6.
Do not connect yet.

Page 11: SELECTION OF THE BASIC RANGE

- D. At the rear of the meter, remove the safety cover over the pin connector.
- E. Fit a jumper link (vertically) at position 11 only
- F. Refit the safety cover.

Page 13: ZERO SHIFT

- G. Remove the front cover.
- H. Input 28mA from a calibrated current source (terminals 4 and 6).
- I. Turn potentiometer ADJ until the display shows 1500.
- J. Disconnect the input current.
- K. At the rear of the meter, remove the safety cover over the pin connector.
- L. Fit a jumper link (vertically) at position 1.
- M. Refit the safety cover.

(A less accurate setup can be achieved using 20mA input from a calibrated source and turning ADJ until the display shows 1071.)

- N. Input 4mA from a calibrated current source.
- O. Turn potentiometer LZ until the display shows 000.
- P. Disconnect the input current.

Page 15: SETTING THE DECIMAL POINT

- Q. On the front of the meter fit the jumper in position 3.
- R. Replace the front cover.

DPM 48/2000 SNT Setting for input 0...10V and display 0...1

Page 9 of instruction manual: MEASURING INPUTS

- A. Connect power supply to terminals L1 and N.
- B. No link required for voltage measurement.
- C. All voltage inputs (eg. 0...10V) will be connected to terminals 3 (+) & 4 (-).
Do not connect yet.

Page 11: SELECTION OF THE BASIC RANGE

- D. At the rear of the meter, remove the safety cover over the pin connector.
- E. Fit a jumper link (vertically) at position 6 only (maximum voltage 10V).
- F. Refit the safety cover.

Page 12: ADJUSTING THE DPM RANGE

- G. Remove the front cover.
- H. Input 10V from a calibrated source to terminals 3 (+) & 4 (-).
- I. Turn potentiometer ADJ until the display shows 1000.
- J. Disconnect the input current.
- K. At the rear of the meter, remove the safety cover over the pin connector.
- L. Fit a jumper link (vertically) at position 1.
- M. Refit the safety cover.

Page 15: SETTING THE DECIMAL POINT AND BRIGHTNESS

- N. On the front of the meter fit the jumper in position 1.
- O. Set the brightness if required.
- P. Replace the front cover.