

## HOW DO I SET UP A DP41-W FOR 5-POINT CALIBRATION?

### Set up procedure for Model DP41-W with 5-Point Calibration

Jumper Settings:

100mV S2: A,F,L,N,T

S6:Y

S1 "B" NOT INSTALLED UNIPOLAR [INP.3=0]

S1 "B" INSTALLED BIPOLAR [INP.3=1]

INSTALL S4-A,C for adjustable 1.5 to 11 Vdc Excitation output

INSTALL S3 A,C (default)

[L1 CNF] [LC CNF] [RDG.CNF] [IN.CNF] [DEC PT]

L1C.1=0 L2C.1=0 RDG.1=0 INP.1=0 FFFFFFF.

L1C.2=0 L2C.2=0 RDG.2=1 INP.2=0

L1C.3=0 L2C.3=0 RDG.3=0 INP.3=0

L1C.4=0 L2C.4=0 RDG.4=1 INP.4=0

L1C.5=0 L2C.5=0 RDG.5=0 INP.5=0

L1C.6=0 L2C.6=0 RDG.6 =1 INP.6=0

L1C.7=0 L2C.7=0 RDG.7=0 INP.7=1

L1C.8=0 INP.8=0

Set MAX CAP to 100,000 and MIN CAP to -10,000 to allow scaling

VERIFY ABOVE INITIAL CONDITIONS

PUT METER IN RUN MODE (PRESS RESET TWICE IF IN MENU MODE)

RECORD READING WITH \*\* NO LOAD ON TRANSDUCER\*\* INPUT1 \_\_\_\_\_

RECORD READING WITH TEST LOAD 1 ON TRANSDUCER\*\* INPUT 2 \_\_\_\_\_

RECORD READING WITH TEST LOAD 2 ON TRANSDUCER\*\* INPUT 3 \_\_\_\_\_

RECORD READING WITH TEST LOAD 3 ON TRANSDUCER\*\* INPUT 4 \_\_\_\_\_

RECORD READING WITH TEST LOAD 4 ON TRANSDUCER\*\* INPUT 5 \_\_\_\_\_ Note: READ 1

to READ 5 below should include all significant digits

Example: enter 5000 for READ2 if final display is 500.0

READING DESIRED WITH NO LOAD (usually 000000) READ 1 \_\_\_\_\_

READING DESIRED WITH TEST LOAD 1 READ 2 \_\_\_\_\_

READING DESIRED WITH TEST LOAD 2 READ 3 \_\_\_\_\_

READING DESIRED WITH TEST LOAD 3 READ 4 \_\_\_\_\_

READING DESIRED WITH TEST LOAD 4 READ 5 \_\_\_\_\_ PRESS MENU UNTIL " RDG CNF"

APPEARS PRESS MIN UNTIL "INP.7 =0" APPEARS

PRESS MAX "INP.7 =1" PRESS MENU "IN.SC.OF" APPEARS

PRESS MIN -- <INPUT1> PRESS MIN -- ENTER INPUT 1 FROM ABOVE

PRESS MENU -- <READ1> PRESS MIN -- ENTER READ 1 FROM ABOVE

PRESS MIN -- <INPUT2> PRESS MIN -- ENTER INPUT 2 FROM ABOVE

PRESS MENU -- <READ2> PRESS MIN -- ENTER READ 2 FROM ABOVE

PRESS MIN -- <INPUT1> PRESS MIN -- ENTER INPUT 3 FROM ABOVE

PRESS MENU -- <READ1> PRESS MIN -- ENTER READ 3 FROM ABOVE

PRESS MIN -- <INPUT2> PRESS MIN -- ENTER INPUT 4 FROM ABOVE

PRESS MENU -- <READ2> PRESS MIN -- ENTER READ 4 FROM ABOVE

PRESS MIN -- <INPUT2> PRESS MIN -- ENTER INPUT 5 FROM ABOVE

PRESS MENU -- <READ2> PRESS MIN -- ENTER READ 5 FROM ABOVE

ADVANCE TO DEC PT AND PLACE DECIMAL POINT WITH MAX BUTTON -- PRESS MENU

PRESS RESET TWICE METER SHOULD NOW BE CALIBRATED

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1. WHEN PROGRAMMING, PRESSING [RESET] ONCE WILL BACK UP ONE MENU

PRESSING [RESET] TWICE WILL RETURN TO RUN MODE

2. "IN CNF" INP.5 DETERMINES IF RAW DATA OR SCALED DATA IS SENT TO THE DISPLAY.

IN.SC.OF IS WHERE SCALING DATA IS INPUT. EVERY TIME THAT YOU ACTIVATE THIS MENU YOU MUST INPUT DATA.



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