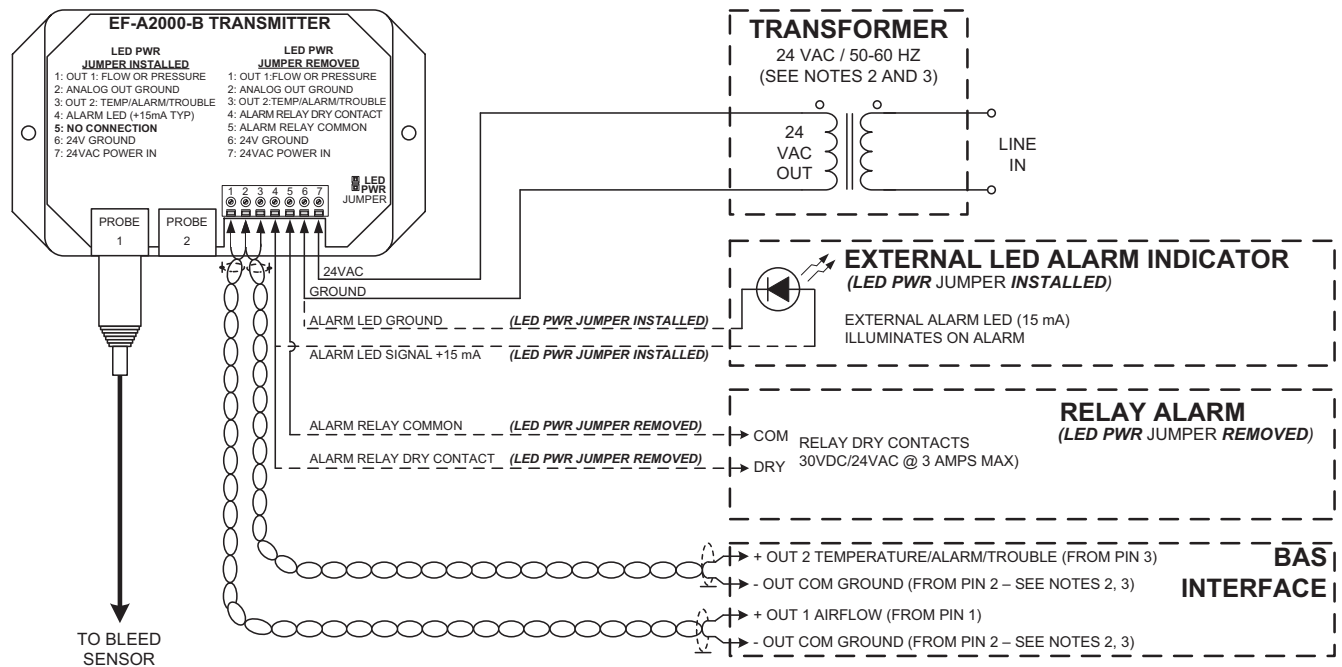




○ EF-A2000-B TYPICAL WIRING DIAGRAM



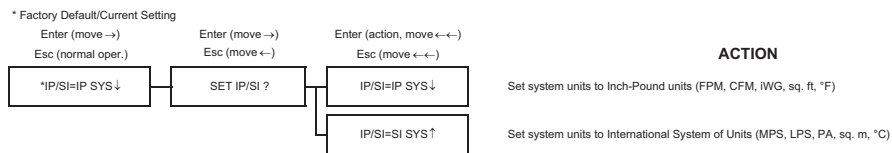
**NOTES:**

1. CONNECT OUTPUT SIGNAL CABLE DRAINS TO EARTH GROUND AT ONE END OF CABLE ONLY.
2. EF-A2000 IS A NON-ISOLATED DEVICE USING A HALF-WAVE RECTIFIER ON THE 24VAC POWER INPUT. IF MULTIPLE DEVICES ARE POWERED BY THE SAME TRANSFORMER OUTPUT, ALL GND CONNECTIONS MUST BE COMMON, OR AN ISOLATION TRANSFORMER MAY BE USED TO PREVENT EQUIPMENT DAMAGE.
3. ALL DEVICES ON MULTIPLE EF-A2000 INSTALLATIONS WITH A COMMON POWER 24VAC SOURCE MUST BE WIRED IN-PHASE TO THE SAME TERMINALS (PIN 6 TO PIN 6, PIN 7 TO PIN 7).
4. SHIELDED TWISTED PAIR (STP) WIRING (SUPPLIED BY OTHERS) IS RECOMMENDED.

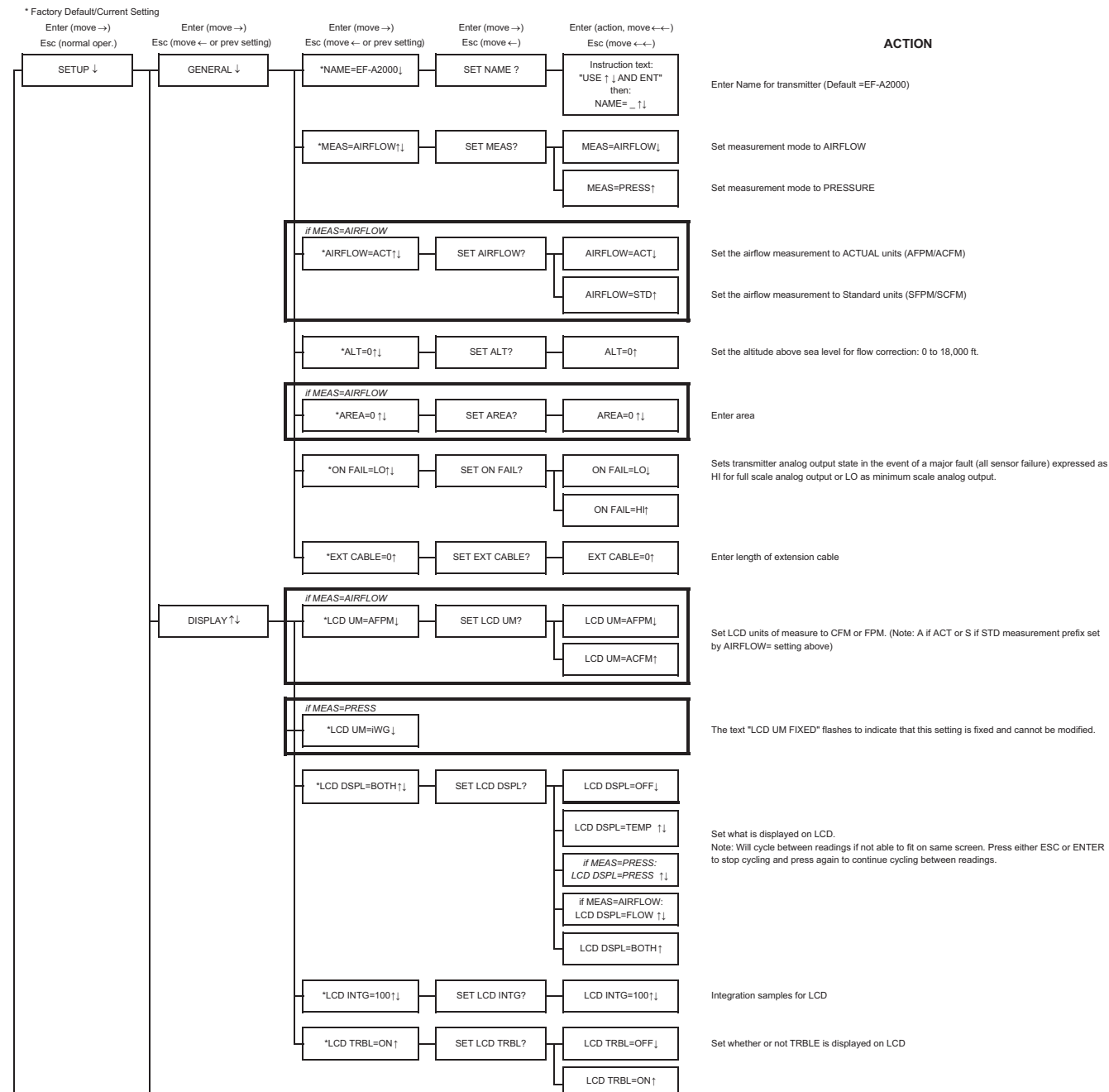
# SETUP MENUS (PART 1 OF 5)

## SYSTEM OF UNITS MENU

Simultaneously depress/release ENTER + ESC keys during normal operation to select



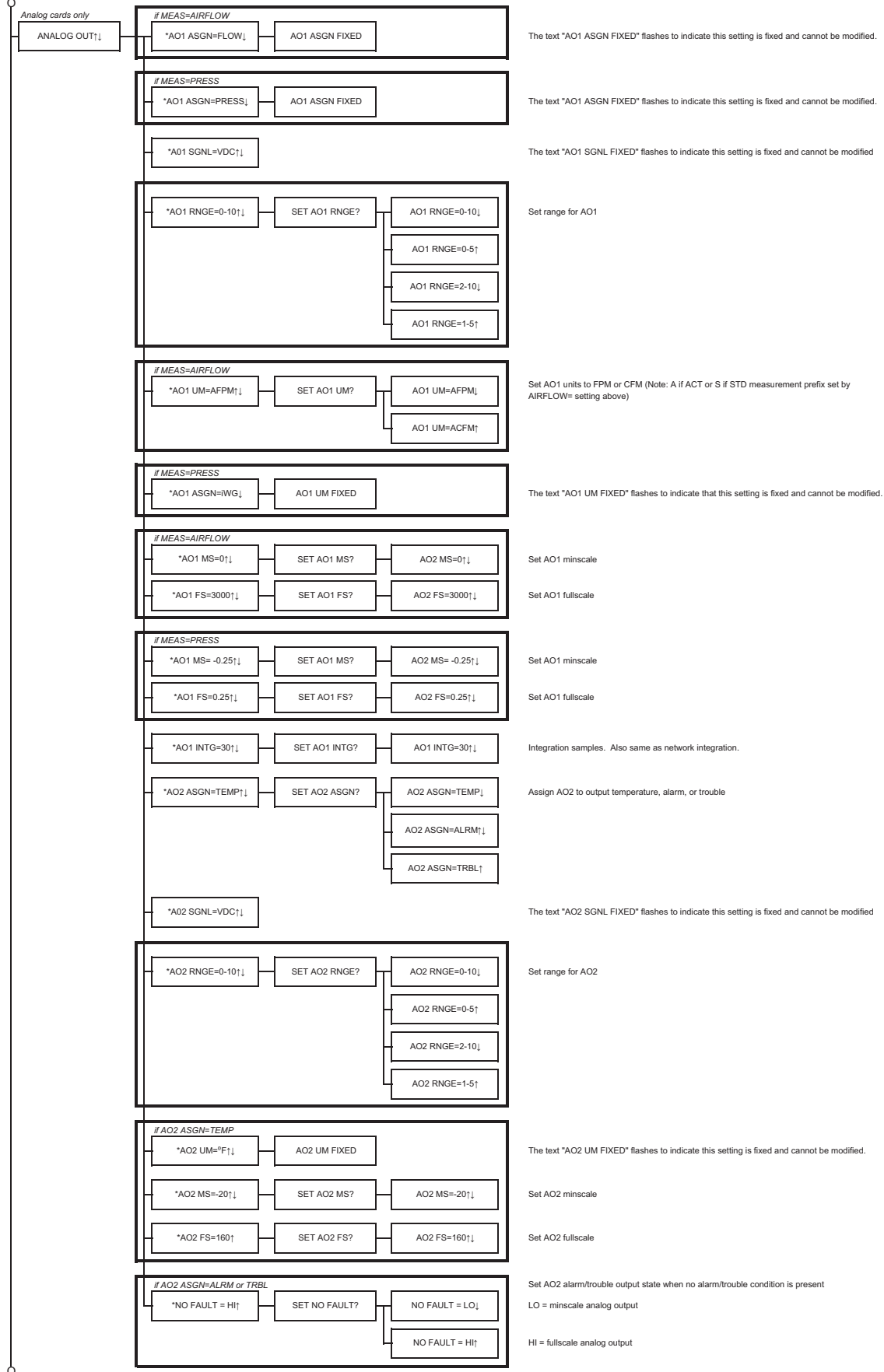
Simultaneously depress/release ↑ + ↓ keys during normal operation to select



TO PART 4 'A' TO PART 2

# SETUP MENUS (PART 2 OF 5)

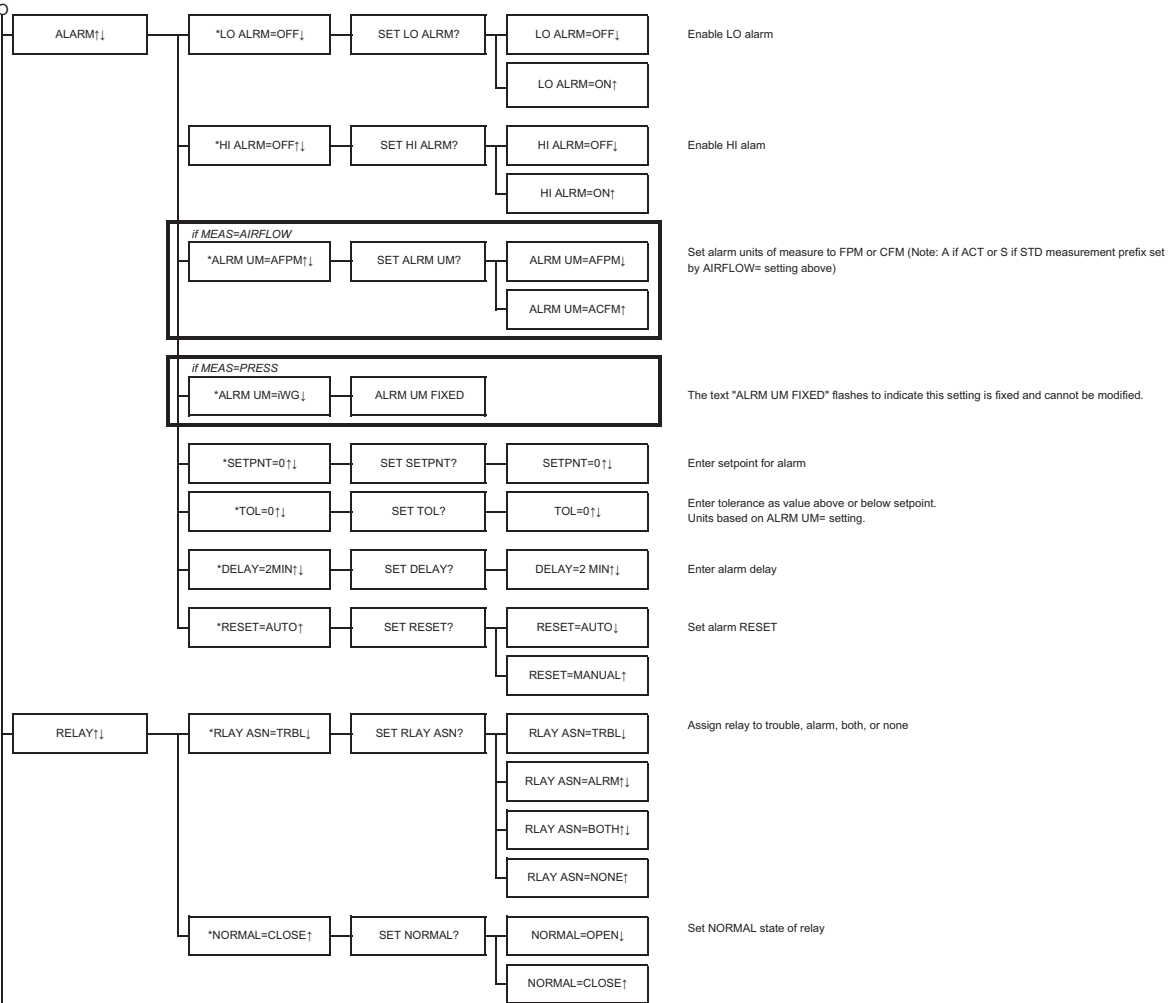
FROM PART 1



TO PART 3

# SETUP MENUS (PART 3 OF 5)

FROM PART 2



TO PART 4 'B'

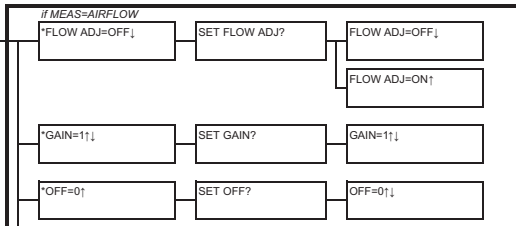
# SETUP MENUS (PART 4 OF 5)

FROM PART 1 FROM PART 3

4A

4B

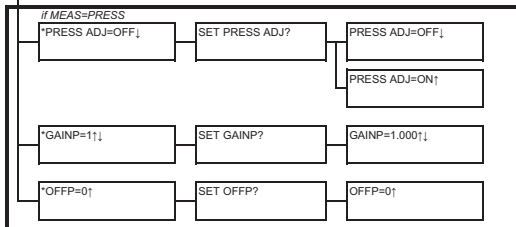
ADJUSTMENTS↑



Enable flow adjustments

Enter gain applied to airflow reading

Enter offset applied to airflow reading



Enable pressure adjustments

Enter gain applied to pressure reading

Enter offset applied to pressure reading

TOOLS↑

OUTPUT TEST↑

OUT1 TEST↑

SET OUT1 TEST?

OUT1 TEST%=0↑

Set OUT1 to % of full scale analog output

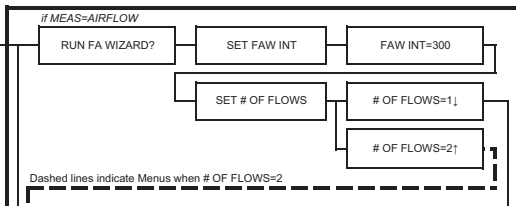
OUT2 TEST↑

SET OUT2 TEST?

OUT2 TEST%=0↑

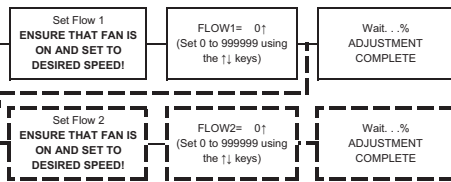
Set OUT2 to % of full scale analog output

FIELD ADJUST↑

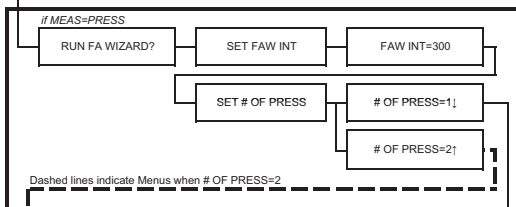


The Field Adjust Wizard will now be engaged as outlined in the following steps. The GAIN and OFF values will be updated, and FLOW ADJ=ON will be set if the wizard is successfully completed.

Dashed lines indicate Menus when # OF FLOWS=2

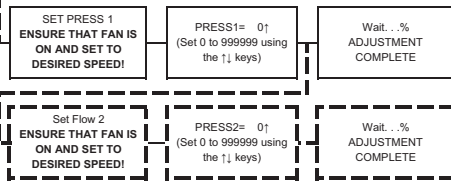


"Wait . . ." indicates progress while the Field Adjustment Wizard acquires a large number of samples of airflow rate and averages all of the readings. Display indicates "ADJUSTMENT COMPLETE" when adjustment is complete. If you wish to review the adjustment made, simply navigate back to the SETUP menu and view the ADJUSTMENTS section.



The Field Adjust Wizard will now be engaged as outlined in the following steps. The GAIN and OFF values will be updated, and PRESS ADJ=ON will be set if the wizard is successfully completed.

Dashed lines indicate Menus when # OF PRESS=2



"Wait . . ." indicates progress while the Field Adjustment Wizard acquires a large number of samples of airflow rate and averages all of the readings. Display indicates "ADJUSTMENT COMPLETE" when adjustment is complete. If you wish to review the adjustment made, simply navigate back to the SETUP menu and view the ADJUSTMENTS section.

TO PART 5 'A'

TO PART 5 'B'

# SETUP MENUS (PART 5 OF 5)

FROM PART

4 'A'

FROM PART

4 'B'

