

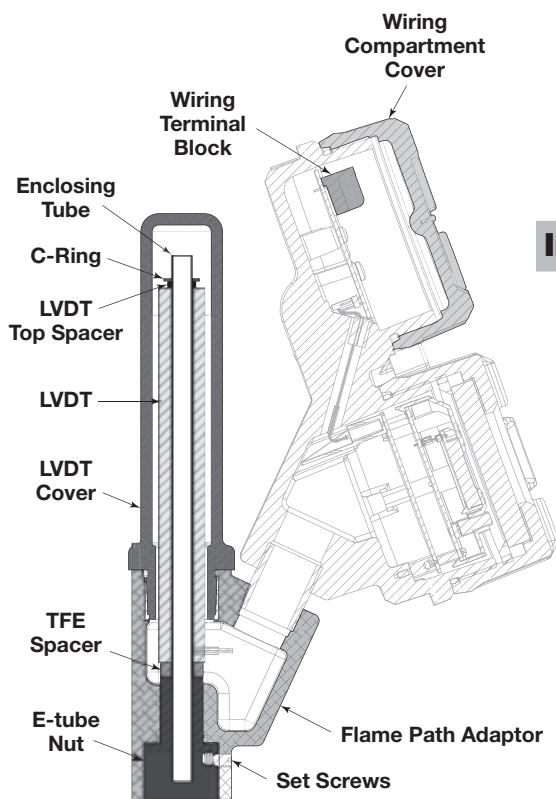


# Electronic Modulelevel®

## Replacement Procedure for Conversion of EZ, ES, or ES II Electronics to E3 Electronics

### Removal of the EZ, ES, or ES II Transmitter Head

1. Remove the power from the old Modulelevel.
2. Remove the transmitter and wiring housing covers.
3. Disconnect the field wiring in the wiring housing.
4. Remove the C-ring on the enclosing tube above the LVDT by using snap ring pliers.
5. Loosen the set screws in the hub of the housing base, and carefully lift the entire transmitter head assembly off the enclosing tube.
6. Set aside.



### Installation of the E3 Modulelevel Transmitter Head

1. Remove the wiring compartment and LVDT covers from the new E3 transmitter head assembly.
2. Remove the C-ring on the dummy enclosing tube above the LVDT by using snap ring pliers. Remove the LVDT top spacer.
3. Loosen the set screws in the at the base of the flame path adaptor, and carefully remove the dummy e-tube.
4. Lower the E3 transmitter head assembly onto the e-tube of the existing unit, being careful not to bend the e-tube.
5. Ensure that the flame path adaptor is seated all the way down on the e-tube nut.
6. Ensure that the TFE spacer is properly seated on the e-tube nut, inside the flame path adaptor.
7. Ensure that the LVDT assembly slides onto the e-tube and is seated all the way down on the TFE spacer.
8. Replace the LVDT top spacer and replace the C-ring on the e-tube above the LVDT by using snap ring pliers.
9. Rotate the transmitter head to the customer-preferred position and tighten the set screws at the base of the flame path adaptor.
10. Connect field wiring to the wiring board.
11. Replace wiring compartment and LVDT covers.
12. Apply power and check for output signal.
13. Calibrate the new transmitter per the "User Calibration Procedure" in bulletin 48-635.



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