Common Errors of Auber Controller

Auber Instruments
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Please use Ctrl+F to search your controller model number.

For SYL-1512A/1612B/2362/2362B:

Error code:

EEEE: This is an input error message. The possible reasons are, the sensor is not connected properly; the input setting is a wrong type; or the sensor is defective. If it happens when using a thermocouple sensor, you can short thermocouple terminals (*Please disconnect all the output wires to the controller before the test.*). If the display shows the ambient temperature, the thermocouple is defective. If it still displays EEEE, check the input setting, Inty, to make sure it is set to the right thermocouple type. If Inty setting is correct, the controller is defective. For RTD sensor, check the input setting first; because most controllers are shipped with input set for K type thermocouple. Then check the wiring or sensor resistance.

For SYL-2342/2352/2372/2342P/2352P/2372P/4342/4352/4342P/4352P:

Error code:

OrAL: This is an input error message. The possible reasons are: the sensor is not connected or not connected properly; the sensor input setting is wrong; or the sensor is defective. In this case, the instrument terminates its control function automatically, and the output value is fixed according to the parameter OUTL. If this happens when using thermocouple sensor, you can short thermocouple terminals with a copper wire (*Please disconnect all the output wires to the controller before the test.*). If the display shows ambient temperature, the thermocouple is defective. If it still displays "oral", check the input setting, Sn, to make sure it is set to the right thermocouple type. If the Sn setting is correct, the controller is defective. For RTD sensors, check the input setting first because most controllers are shipped with the input set for thermocouples. Then check the wiring.

04CJ: At the moment of powering up, the controller will show "04CJ" in the PV window and "808" in the SV window. Next, it will show "8.8.8.8." in both windows briefly. Then the controller will show probe temperature in PV window and set temperature in SV window. If the controller frequently flashes "04CJ" and doesn't show a stable temperature reading, it is being reset due to unstable power line or inductive loads in the circuit. If user connects a contactor to SYL-2342's terminal 7 and 8, please consider adding a RC snubber across these two terminals.

For SYL-2441/2451/2442C/2452C:

HH: This is an input error message. The possible reasons are: the sensor is not connected or not connected correctly; the sensor input setting is wrong; or the sensor is defective. In this case, the instrument terminates its control function automatically. If this happens when using thermocouple

sensor, you can short terminal 4 and 5 with a copper wire or paper clip (*Please disconnect all the output wires to the controller before the test.*). If the display shows ambient temperature, the thermocouple is defective. If it still displays "HH", check the input setting, Sn, to make sure it is set to the right thermocouple type. If the Sn setting is correct, the controller is defective. For RTD sensors, check the input setting first because most controllers are shipped with the input set for thermocouples. Then check the wiring. The two red wires should be connected to terminals 4 and 5. The white wire should be connected to terminal 3.

For SYL-1615:

EEEE: This is an input error message. The possible reasons are: The sensor input type parameter is set incorrectly; the sensor is not connected correctly; the connector from the sensor is loose; the socket from the controller is loose; or the controller/sensor is defective. Please enter access code 0089, and confirm parameter "inty" is set to "K" (looks like backwards "4"). Then you can short temperature terminals. If the display shows the ambient temperature, the thermocouple is bad, or the connector from the sensor is loose. If the display shows EEEE, the controller is bad, or the socket from the controller is loose.

How to fasten thermocouple connector.

How to fasten thermocouple socket on controller.

For SYL-1813/1812RA/1813-24/2813:

EEEE: This is a temperature sensor input error message. If you use non-temperature sensor (like pressure sender), this error means you haven't configured inty yet (sensor input type parameter). If you use temperature sensor (like EGT probe, oil/water temperature probe), the possible reasons are, the sensor is not connected correctly; the input setting is wrong type; or the sensor is defective. If this happens when using thermocouple sensor, you can short thermocouple terminals. If the display shows the ambient temperature, the thermocouple is defective. If it still displays EEEE, check the input setting, Inty, to make sure it is set to the right thermocouple type. If Inty setting is correct, the controller is defective. For other types of sensor, please unplug your current sensor first, short thermocouple terminals by copper wire or paper clip, then change inty to K (backwards "4"). Then do the same test above. If it still displays EEEE, the controller is defective.

For SYL-2342H/2342Y:

orAL: : This is an input error message. The possible reasons are: the sensor is not connected or not connected correctly; sensor cable/connector is loose; or the sensor is defective. Please try to disconnect all the sensor cables, fasten the sensor connectors and connect them back firmly.

For AT100/AT200:

EEEE: This is an input error message. The possible reasons are: The sensor input type parameter is set incorrectly; the sensor is not connected correctly; the connector from the sensor is loose; the socket from the controller is loose; or the controller/sensor is defective. Please enter access code 0089, and confirm parameter "inty" is set to "K" (looks like backwards "4"). Then you can short

temperature terminals. If the display shows the ambient temperature, the thermocouple is bad, or the connector from the sensor is loose. If the display shows EEEE, the controller is bad, or the socket from the controller is loose.

How to fasten thermocouple connector.

How to fasten thermocouple socket on controller.

For AT210:

Slave unit (AT210-A):

EEEE: This is an input error message. The possible reasons are: The sensor input type parameter is set incorrectly; the sensor is not connected correctly; the connector from the sensor is loose; the socket from the controller is loose; or the controller/sensor is defective. Please enter access code 0089, and confirm parameter "inty" is set to "K" (looks like backwards "4"). Then you can short temperature terminals. If the display shows the ambient temperature, the thermocouple is bad, or the connector from the sensor is loose. If the display shows EEEE, the controller is bad, or the socket from the controller is loose.

How to fasten thermocouple connector.

How to fasten thermocouple socket on controller.

Master unit (AT210-B):

EEEE: This is an input error message. The possible reasons are, wireless connection settings are incorrect or master unit is offline. Please check its associated slave unit is working properly or not. Then, please check the wireless connection parameters of the master unit match the parameters in slave unit (section 8 in instruction manual). If you see this master unit displays EEEE occasionally, please increase tdly (hand shake time) to 10 ~ 20 s.

For TD100/TD200/TD300/TD400P/TH210/HD100/HD200:

Err: This is an input error message. The possible reasons are: the sensor is not connected or not connected correctly; sensor cable/connector is loose; or the sensor is defective. Please try to disconnect all the sensor cables, fasten the sensor connectors and connect them back firmly.

For THS-192:

Hi or Lo: If the meter shows "Hi", you may need to check the sensor connection first to make sure the sensor is connected correctly to the meter. The meter will show "Hi" or "Lo" if the temperature out of the display range.

Battery plus icon: If the meter displays battery plus icon, it means the battery needs to be replaced.

For SMD-100, WS-1210GPH, WSD-1200GPH/1500GPH, WS-1510ELPM/1510DPM

-H-: This is an input error message. The possible reasons are: The sensor is not connected correctly/firmly; the input setting is wrong type; or the sensor is bad. Please check your sensor connection first. Simplest way to test is unplug/remove sensor, then plug in/install it back. If your controller works properly before or you just reset your controller recently, please check sensor input type parameter (if applicable). In addition, it is unlikely that both two probes go bad at same time; to check whether your probe is bad or controller is bad, you can simply swap two probes in different socket. If this problem comes with probe, this probe is bad; if this problem comes with the socket, the controller is bad.