

FAQ Note

FA-27 Error Code on 1511-LTC

Problem:

The instrument shows an FA-27 on the display, at the lowest or highest tap position, even though the unit was operating properly.

Explanation:

When the 1511-LTC version 3.00 detects the voltage signal to be below 0.0 volts for 2 consecutive samples, it sees this as a fault and will display the FA-27 error code. Generally, the signal value should never be below 0.0 volts.

Possible Cause:

Electrical noise on the signal line, or voltage fluctuations in the input signal reference cause the signal to be sampled as negative for 2 or more consecutive samples. This will most likely occur at the lowest tap position, since that is where the signal voltage is lowest (closest to negative).

Remedy:

If **OP53** is left “**OFF**” the **FA-27** error code can be reset manually. However, this can become bothersome because it will require a site visit.

There is an auto reset feature that can be turned on which will cause the error code to clear automatically if the condition goes away and stays away for long enough (in this case, also 2 successive samples). In the programming menu change **OP53** from “**OFF**” to “**ON**”.