

Please consult this guide for any questions regarding Flame Detection or Flame Quality. For further info please call our toll free number listed below. If you need additional information on setting up your Profire system please visit our website for our full selection of troubleshooting guides, quick start guides and product manuals.

Common Wiring Follies

Coil as covered by quick start guide

Solenoids

- o The negative terminals are switched, so a common return wire for Pilot- and Main- can not be used
- o Terminal card command refused – check for crossed wires between pilot and main
- o The thermocouples should not be run in the same conduit as the solenoids.
This can be done if there is no other option, but care must be taken to ensure proper grounding and the power saving mode should not be used.
- o Type-K thermocouple wire must be used if extending the thermocouple connections.
Using standard copper wire will not give accurate temperature readings.

High or Low Voltage

Check earth ground

- o Ensure that there is a solid earth ground to the system and conduit wiring