

# API-Cecom Group *n'fo*

## Technical & Application Note A115

Application: De-icing aircraft

Type Of company: OEM

Location: Wisconsin

**Problem:** The customer manufactures a system that uses both compressed air and heated de-icing fluid to de-ice the aircraft in a timely fashion. As part of the overall system they developed an internet based data logging servicing system which was required due to the fact that the airport maintenance technicians typically only check out the deicers when the winter storm warning is announced. Then if the deicer needs service there would be no way for the company service technician to get to the airport to “fix” the system in time for the aircraft to take off. One of the main issues for the servicing system was that the outputs from the burner control system were not compatible with the inputs to the I/O board for the data logging servicing system.

**Solution:** The customer used a custom ranged API 6010 G 5A to interface the outputs from the burner control system to the inputs to the I/O board.

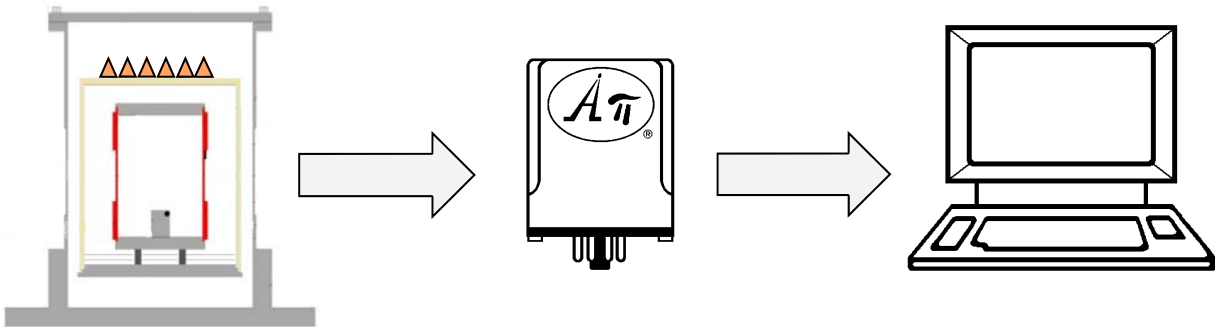


API 6010 G 5A

High AC Current to DC Isolated Transmitter



Photo by Aaron Headly



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