

Title:	CO2 Sensor Wiring and Output Voltage			ID:
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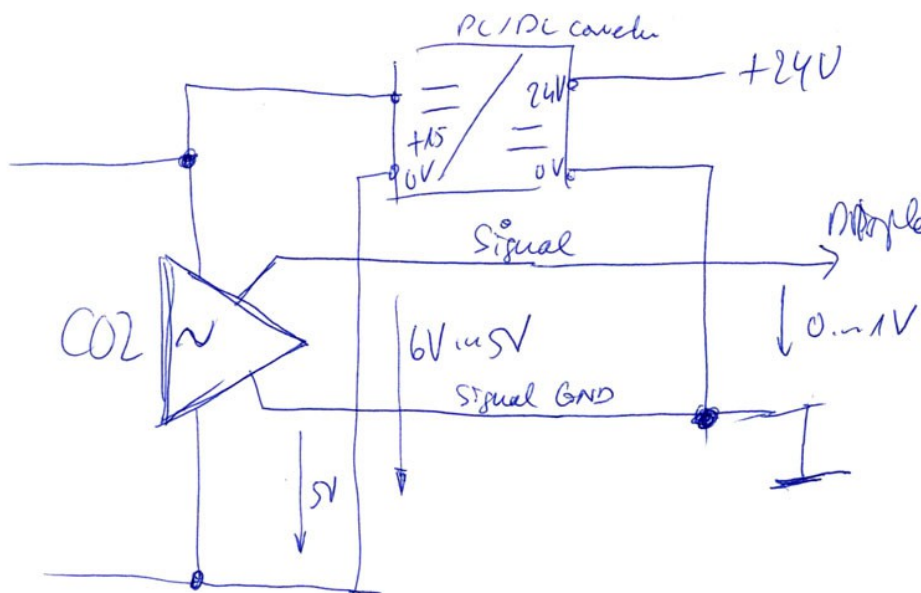
CO2 Sensor Wiring

The "old" CO2 sensor had a floating GND. So, as outputs there was

- Signal OUT
- Signal GND

Signal GND was at +5V against Power GND while Signal OUT was 5V .. 6V.

The latest version of the "old" CO2 Sensor were powered by a insulated DC-DC converter. The CO2 sensor power lines were therefore isolated from the 24V/GND lines of the general 24V-power supply of the system. Only the Signal GND line was connected to the General System GND.



This circuit results in a 0..1V signal voltage at the Display Signal Input instead of the 5..6V of the previous version circuit.