

Manual Addendum: CD-15G-PRO, CD-15G-50-PRO, CD-25G-PRO, CD-25G-50-PRO

NOTE: KEEP THIS SHEET & ATTACH TO CD-15/25G MANUAL (4-0558).

The -PRO models are custom variations of the standard ozone generators. These versions have a 4-20mA control assembly, variable high voltage power supplies, and revised wiring. This addendum is intended as a supplement only. Refer to the CD-15/25G Manual (4-0558) for a complete explanation of Ozone Generator operation.

Replace the sections in manual 4-0558 with the correlating sections below:

3B. Normal Operation

4. If the unit is configured for 4-20mA control (-PRO models only) the unit will not produce ozone without an external 4-20mA control signal connected to the unit. See section 4A-4. for more detail.

4A-4. External Devices that Control Ozone Production

The devices turn ozone production on or off based on programmed level set points or scale ozone output production proportional to an input signal (4-20mA). Refer to Figure 7b for connection details.

3. 4-20mA Control (optional)

Standard 2-wire control system designed to accept a 4-20mA signal and proportionally scale ozone generator output (0-100%). The input is connected at terminal block four (TB4). *Note: the unit will not produce ozone without an external 4-20mA control signal connected to the unit.*

4-20mA Input:

SPECIFICATION	VALUE
INPUT IMPEDANCE	400 Ω
FUSE RATING	31mA, Fast-Acting

Table 1: Electrical Ratings for 4-20mA External Control Signal

1. Connect the 2-wire 4-20mA signal to the 4-20mA input + and – terminals at TB4.
2. Use the shortest wire route possible.
3. Use shielded wire.
4. Ground at the transmitter source only. **DO NOT** ground the shield at the terminal block input.
5. Avoid noise problems by routing cable away from noise sources such as motors, high-current switches, transformers, and AC wires.

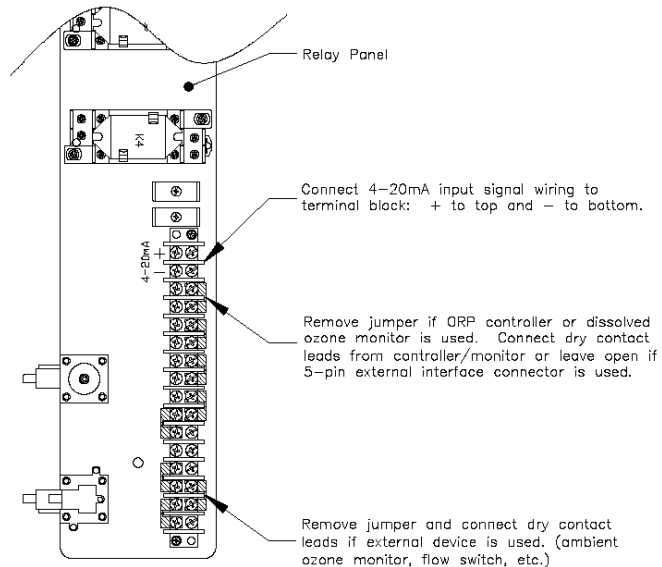


Figure 7b: Connection Details for External Control Devices (-PRO models only)