NOTES:
1. WARNING: This drawing does not illustrate completely the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes.
2. To access termination board, remove the Rear End Cap of the Main Unit (a 1/16" Hex Set Screw must be loosened to remove the Cap).

3. Wire size is a function of the distance between the NGC and the DC Power Supply. With the condition of a single heater used on both NGCs, use 8 Amps as the maximum current draw to calculate an adequate wire size so that the voltage measured at the NGC's Power I/O terminal is a minimum of 10.5 Volts.
   With the optional Feed-Through Heater added to both NGCs, use 16.4 Amps as the maximum current draw to calculate an adequate wire size so that the voltage measured at the NGC's Power I/O terminal is a minimum of 10.5 Volts.
   Additional power drawn by other equipment connected to the NGC must also be factored into this calculation. Refer to their technical specifications for the requirements of each.

12 VDC Lead-Acid Battery

Temperature Sensor Assy
(w/Ferrite Suppression Core on cable)
P/N 2103118

Applied to top of Battery with double sided tape

To Auxiliary NGC8200

Main NGC8200 Term. Bd. 2102080

Customer Supplied Wiring From Power Supply (SEE NOTE 3)

CAUTION: Pay careful attention to polarity when connecting power to the NGC8200

Power-One Battery Charger Totalflow P/N: 1901970-001

Schaffner Line Filter FN 2010-6-06

100-240 VAC Power Source

To Dedicated Earth GND

If this unit is installed in an office or lab environment where a dedicated earth ground is not available, jumper AC GND to Output (-). DO NOT install this jumper in field installations where a dedicated earth grounding is employed.

REF: N/A