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GF90/GF92 HART OPTION INSTALLATION DOCUMENT MOD OPERATION MANUAL

Step 1. Installation

This manual is used to augment other instrument manuals when the Hart option is used. Use the following steps to install the Hart Option for GF90/GF92:

- 1. All the FCI transmitters that incorporate the HART protocol are set at the factory to polling address "0". Users should reset the polling address to match the needs of their network.
- 2. At polling address "0", the GF90/GF92 outputs a current of 4 20mA; at any other polling address, the GF90/GF92 outputs a fixed 4mA current; in compliance with the HART standard. A digital signal is provided with all polling addresses.
- 3. If the GF90/GF92is going to be used as a HART network transmitter, the polling address needs to be changed to other than "0". The power supply feeding the network must provide sufficient current to support the instruments in the network.



Hart Module

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Step 2. Wiring the Hart Instrument

INPUT POWER - Follow the GF90/GF92 manual to connect power.

OUTPUT SIGNAL - The GF90/GF92 analog outputs are factory connected to the hart modules. The two diagrams below shows recommended methods of connecting the HART modules to the customer's system.



Step 3. Programming the Hart Instrument



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