

STARTUP AND CONFIGURATION

Startup

The Intelligent Converter can be factory or user configured through a USB port of a PC using a Windows® compatible software utility. A programming adapter is required that interfaces the USB port from the PC to the programming port on the board.

To connect the Intelligent Frequency Converter:

1. Verify that the power is off.
2. Connect the adapter cable to the Intelligent Frequency Converter board using the programming port. Make sure that the tab on the connector faces toward the middle of the board.

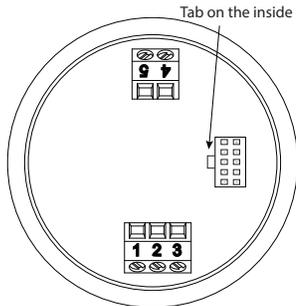


Figure 1: Board connection

3. Connect the opposite end of the cable to the USB port of a PC.



Figure 2: Interface adaptor

4. Turn on the power to the Intelligent Frequency Converter.

NOTE: Power to the Intelligent Frequency Converter is required in order to perform any programming.

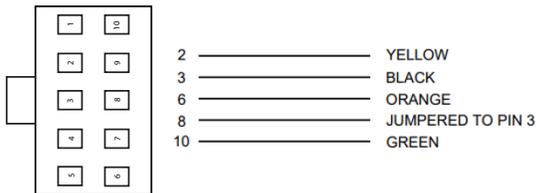


Figure 3: 10-pin head

Configuration

1. Run the IFC Programming Utility Software shown in [Figure 4](#).
2. Press the **Read Setup** button to read the current configuration of your sensor.
3. Enter the desired values for:
 - Device Type
 - K-factor
 - Rate
 - Flow Span
4. Press the **Download Setup** button to save the settings.

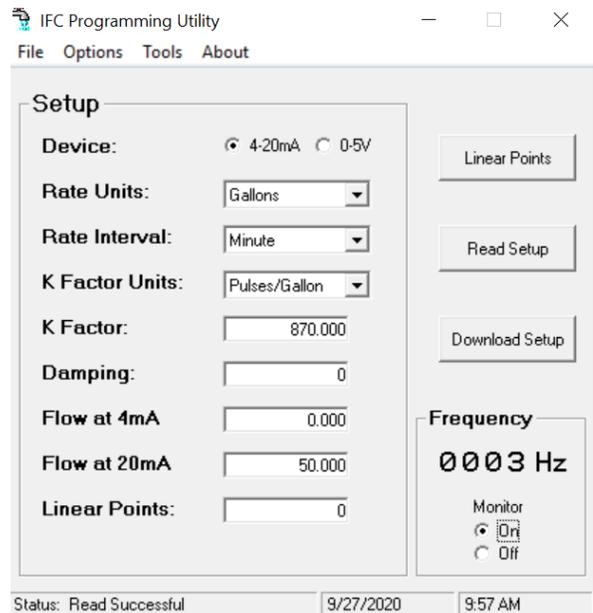


Figure 4: IFC programming utility

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