



# Using an AIMCO Gen IV Controller with PFCS

Using the Touch Screen or System Port, navigate to Controller→Protocols→PFCS

## PFCS

The screenshot shows the PFCS configuration interface. It is divided into several sections:

- Server:** Contains fields for IP Address (0.0.0.0), Port (0), and a Ping Server button.
- Configuration:** Contains fields for Acknowledge Timeout (3), Number Of Retries (3), Reconnect Timeout (20), Connection Inactivity Timeout (120), and Auto Machine Id (checked).
- Table:** A table with columns 'PSet' and 'Machine Id'. It has 5 rows, with the first row containing the number 1.
- Bottom:** Two buttons: a green checkmark and a red prohibition sign.

Controller has the ability to communicate over the Chrysler PFCS protocol over Ethernet or one of the serial ports. Once controller is connected to the desired network, several parameters are used to configure its behavior on the PFCS network:

- **Server IP Address:** The IP address of the PFCS server. If the server is on another sub-net verification of the gateway in the Ethernet settings is required. This parameter is not used for a serial connection to PFCS.
- **Server Port Number:** The TCP port server is listening on for a new connection. Parameter is not used for a serial connection to PFCS.
- **Acknowledge Time Out (sec):** Amount of time controller will wait for an acknowledge from the PFCS server.
- **Number of Retries:** Number of times controller will retry a message if not answered by the PFCS server.
- **Reconnect Time Out (sec):** Amount of times controller waits before attempting to re-connect to PFCS server.
- **Connection Inactivity Time (sec):** Amount of time controller waits before sending a "keep alive" message.
- **Auto Machine ID:** When set to 1, controller will request a machine ID from PFCS. When set to a 0, controller will use the programmed one from each parameter set.