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GE Fanuc Manual Series 90-30

PCM Quick Reference Guide

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Programmable Coprocessor Module (PCM) Quick Reference Guide

This quick reference guide provides an outline of the steps involved in installing and operating the PCM.

Hardware Installation

1. Turn power to the PLC rack off.
2. Insert the PCM module in the desired slot of the rack.
3. Turn the power on.

Support/Development Software

If you plan to use your PCM for a MegaBasic application, you will need to use either the PCM support software package (TERMF) or the PCM development software package (PCOP). The Important Product Information document included with this product lists the versions of TERMF and PCOP that are compatible. If you do not have one of them, you will need to order one. If you are not sure which one is best for you, refer to “*Who Should Use PCOP*” in the *Programmable Coprocessor Module and Support Software User’s Manual*.

Software Configuration

1. If you are using a Model 331 CPU with the PCM and will be running CCM in SLAVE mode with CPU ID 1 set at 19,200 bps, you may be able to skip the rest of the steps and connect the CCM device directly to the PCM port.
2. If a configuration other than the default configuration is required for an IC693 PCM, or if you have an IC697 PCM, use the configuration software to configure the PLC for the slot where the PCM has been installed.
3. If you will be using CCM and do not wish to use PCOP for configuration, select **CCM ONLY** configuration mode. This is the default configuration for the configuration software. Change any of the default serial port settings to the appropriate values. Skip to step 8.
4. If your PCM will be running a MegaBasic application which uses both PCM serial ports, set the configuration mode for the PCM to **BASIC** mode. Change any of the default serial port settings to the appropriate values. Skip to step 8.
5. If you plan to run a MegaBasic application on port 1 of the PCM and CCM on port 2, set the configuration mode to **BAS/CCM**. Change the serial port settings as appropriate and skip to step 8.
6. If you plan to program your PCM using PCOP, set the configuration mode to **PCM CFG** if you plan to use the PCM default serial port settings or to **PROG PRT** if you need to change the PCM serial port settings. Skip to step 8.
7. For other configuration options, refer to “*Installing the PCM*” in the *Programmable Coprocessor Module and Support Software User’s Manual*.
8. Store the configuration to the PLC.