

## PHD70 to CM0212 CAN Based Controller Example

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May 31, 2024

Parker's CM0212 is a compact CAN Based controller that can be used for a wide variety of application that need extra IO for system control. It offers CAN based IO control as well as CAN based configuration setting. This programming example offers an example PHD application file to illustrate how to controller the CM0212 using the touch screen of the PHD70. This example only illustrates how to controller the IO, and can be used as an basis to create a large application program to configure and control the CM0212 using the PHD touch screen, as well as provide feedback to the operator on the status and configuration of the CM0212.

It is important to be able to provide feedback to the operator and service technician on the status of the controller and the system. This can be as simple as displaying fault messages, or more advanced information about the IO status, configuration status and changes, as well as additional information about the overall system.

To help program the interface to the CM0212, Parker has created an example PHD application that can be used as a starting point to program the CM0212 CAN interface. The example offers a simple main screen with a floating Parker logo to show while the outputs are activated. If the user touches the configuration button, the configuration screen will come up, allowing some configuration options. This example is meant to be a starting point for a larger application, so only a few CM0212 settings are shown on the screen, but more are available.



This example is offered AS IS, without any warranties and Parker does not warrant that this example software is error free, and without defect. This is meant as an example program only and is not meant to be used as a suitable application to control any type of machine or actuator.



The example is included in the CM0212\_PHD70\_Example.zip. It includes the Crank GAPP file, CAN JSON file, the CAN event files, as well as the images and Lua scripts for the example.