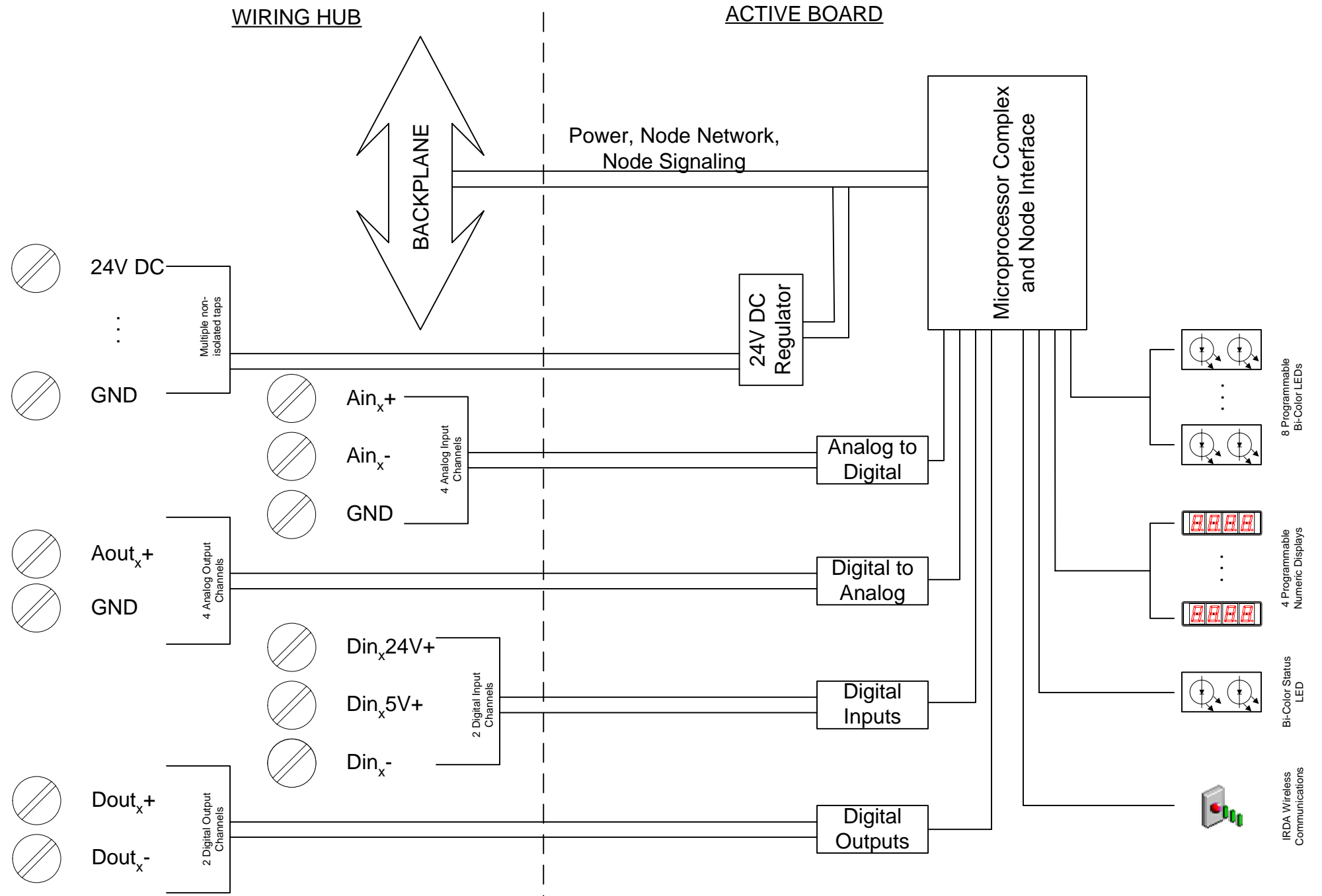
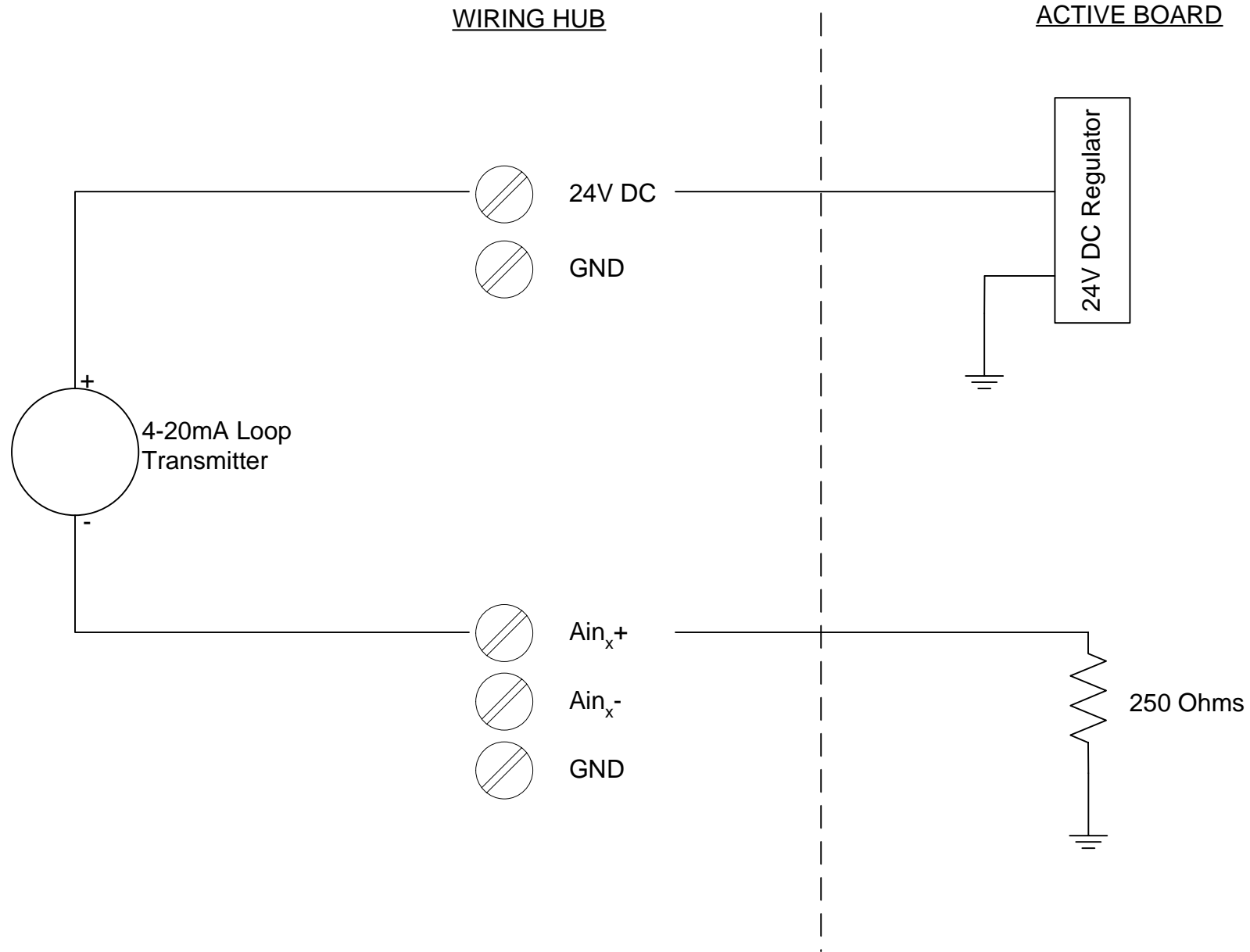


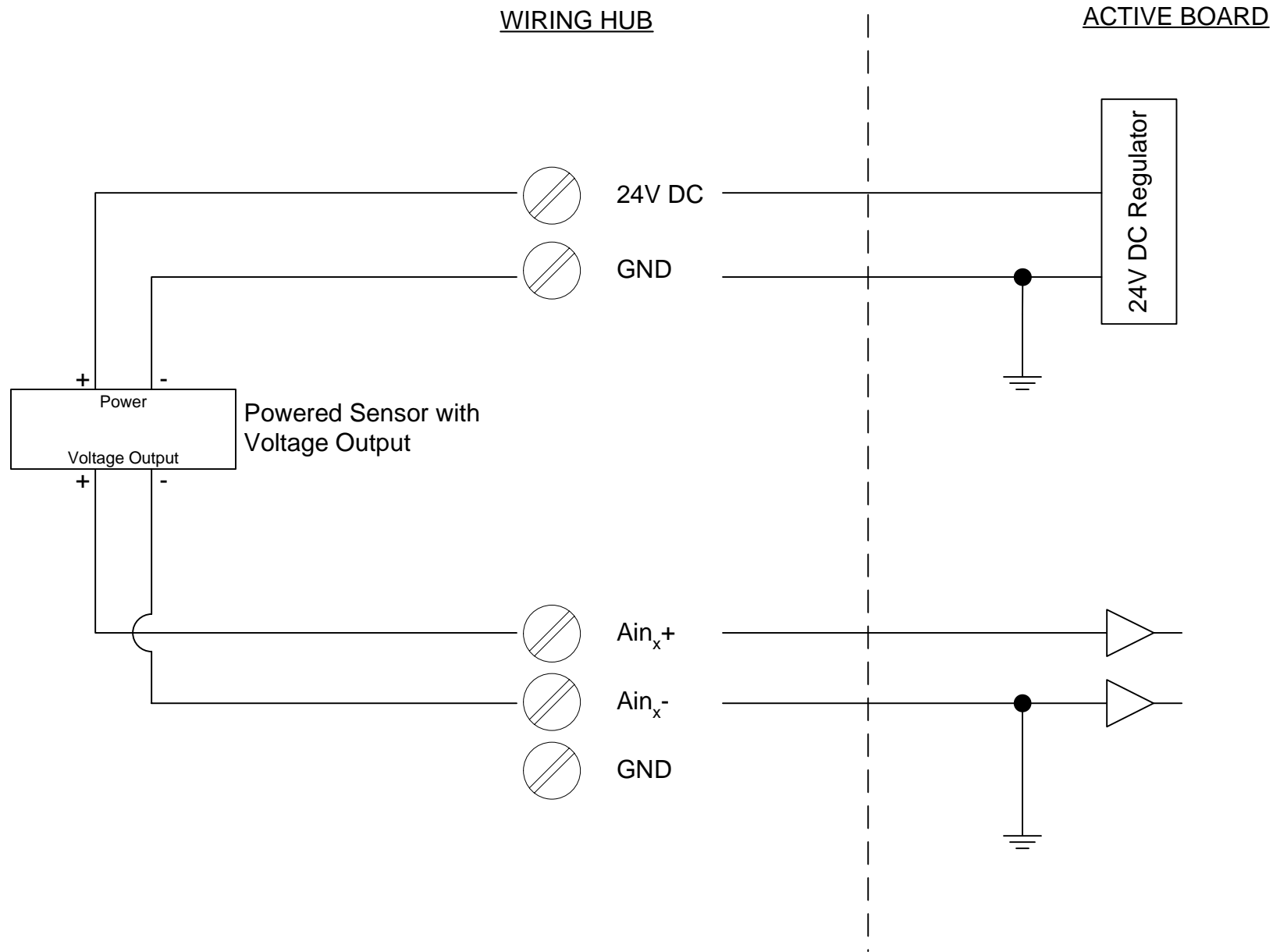
# Process Control Module, Type 1 (PCM-1) Module Topology



# Process Control Module, Type 1 (PCM-1) Analog Input 4-20mA Loop Transmitter Mode



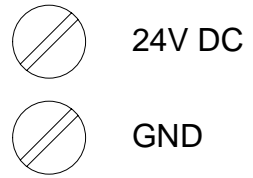
# Process Control Module, Type 1 (PCM-1) Analog Input Voltage Input Mode



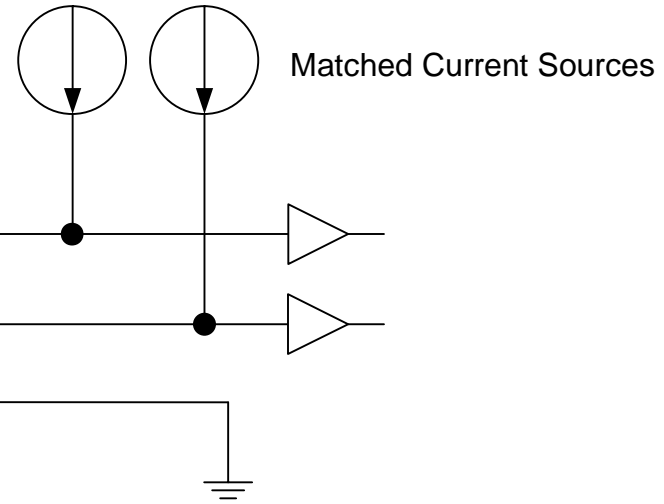
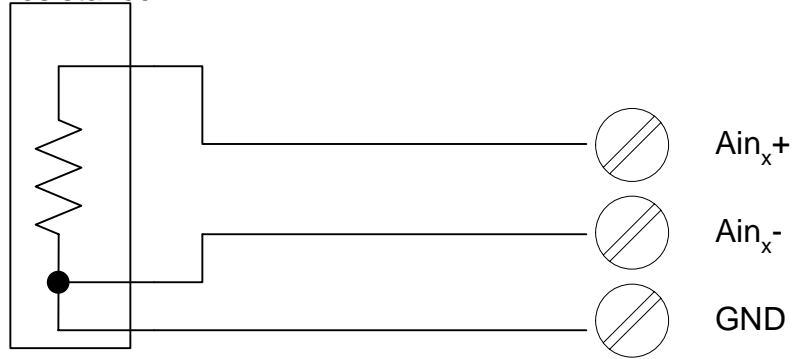
# Process Control Module, Type 1 (PCM-1) Analog Input 3-Wire RTD and Resistance Input Mode

WIRING HUB

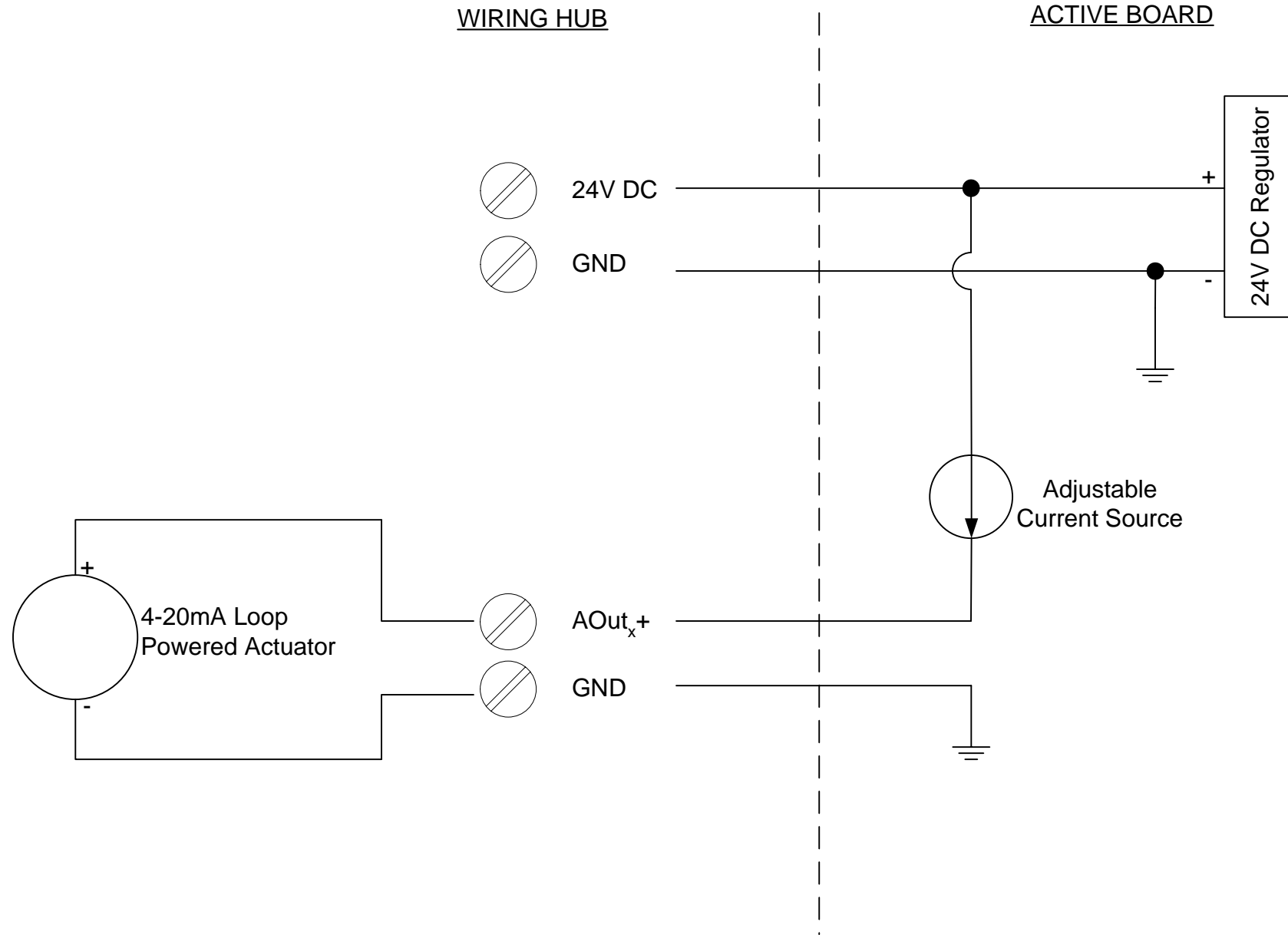
ACTIVE BOARD



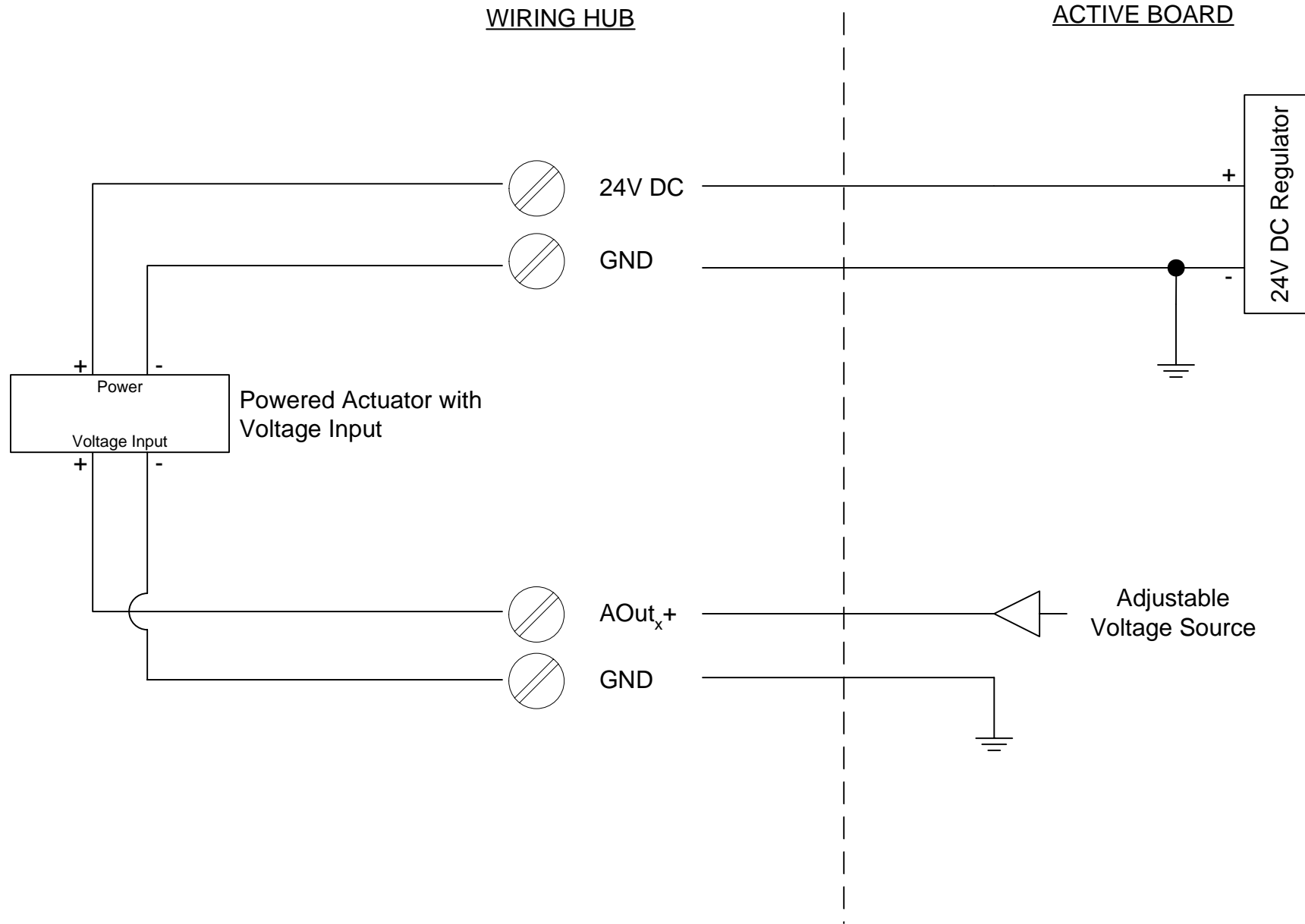
3-Wire RTD or  
Resistance



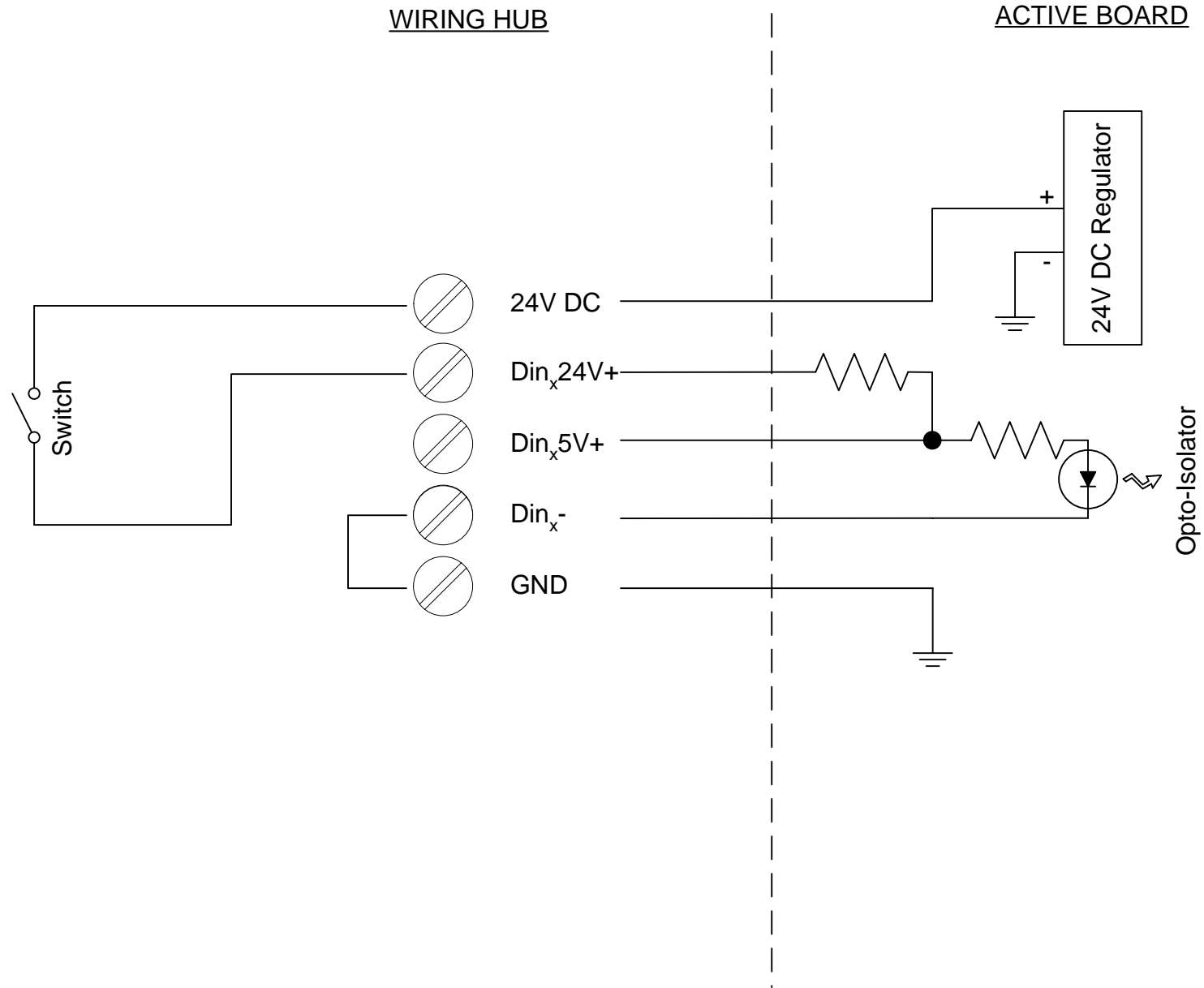
# Process Control Module, Type 1 (PCM-1) Analog Output 4-20mA Loop Powered Mode



# Process Control Module, Type 1 (PCM-1) Analog Output Voltage Mode



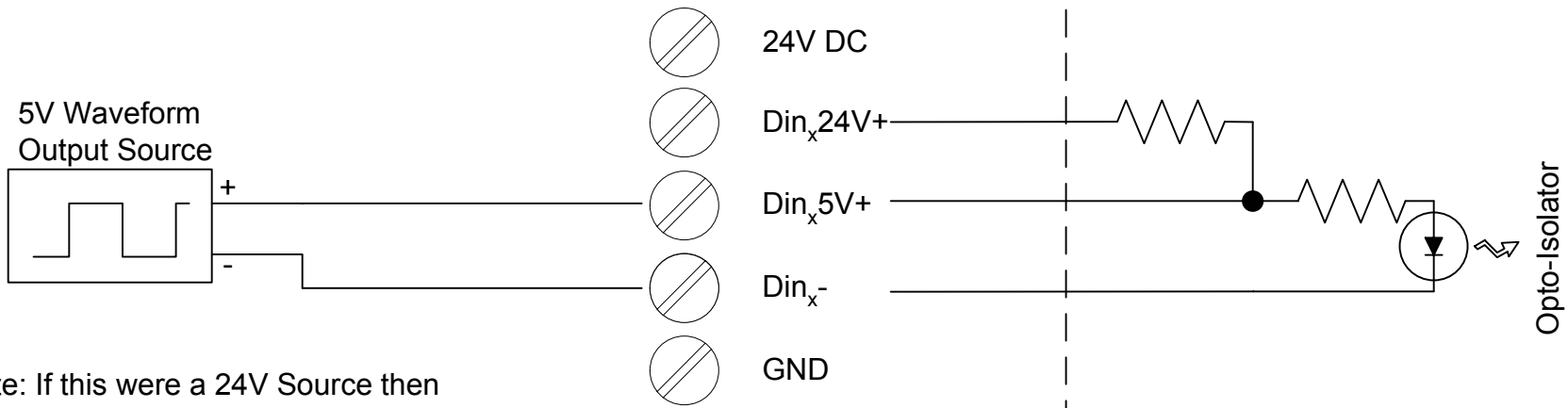
# Process Control Module, Type 1 (PCM-1) Digital Input Standard On/Off Mode Example



# Process Control Module, Type 1 (PCM-1) Digital Input Frequency/Duty Cycle, Pulse Width, and Pulse Count Modes

WIRING HUB

ACTIVE BOARD



Note: If this were a 24V Source then switch the wire on Din<sub>x</sub>5V+ to Din<sub>x</sub>24V+.

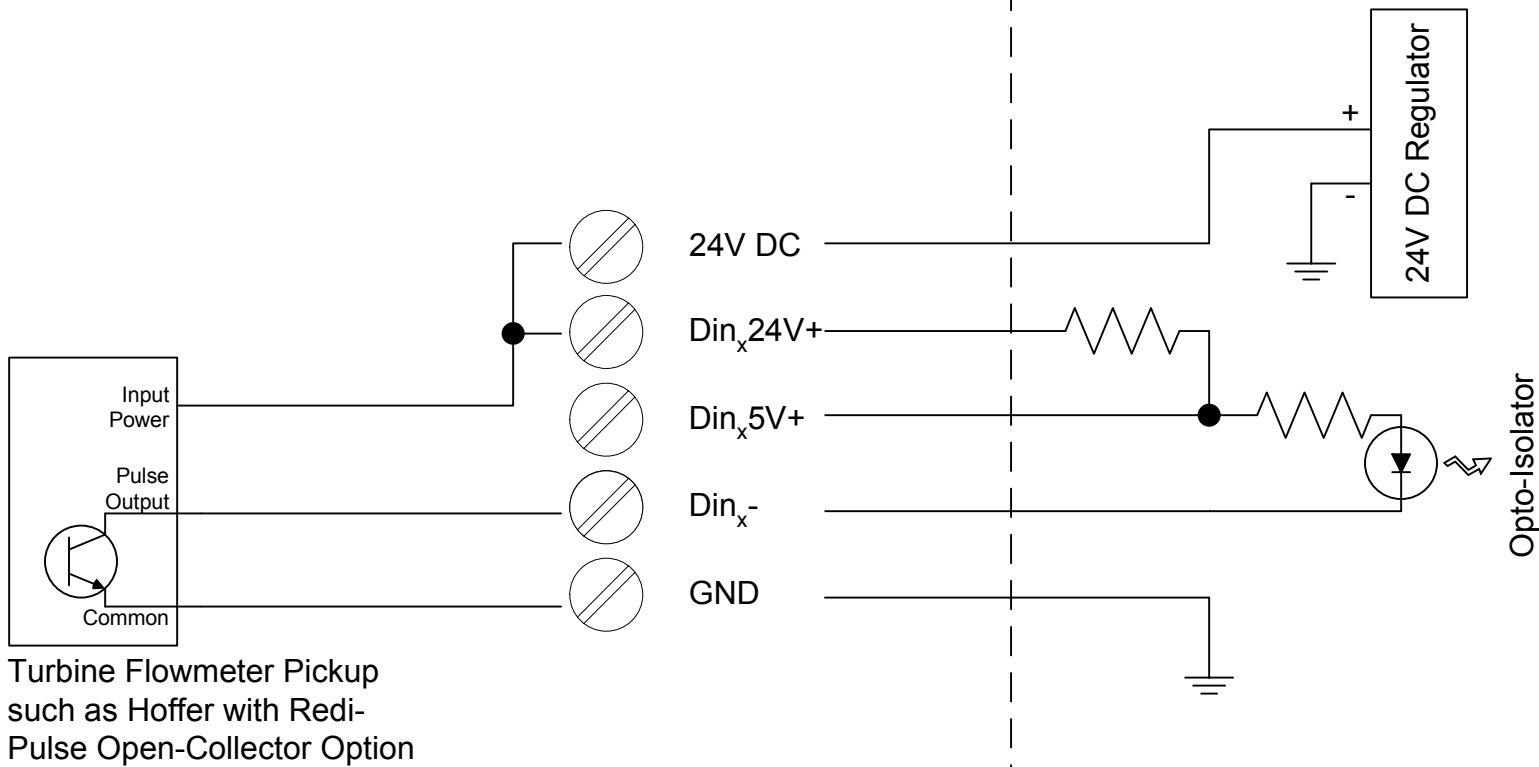
# Process Control Module, Type 1 (PCM-1) Digital Input

## Conditioned Magnetic pickup, hall effect, and other frequency based sensors

### Example 1: Flow meter with pulsed output

WIRING HUB

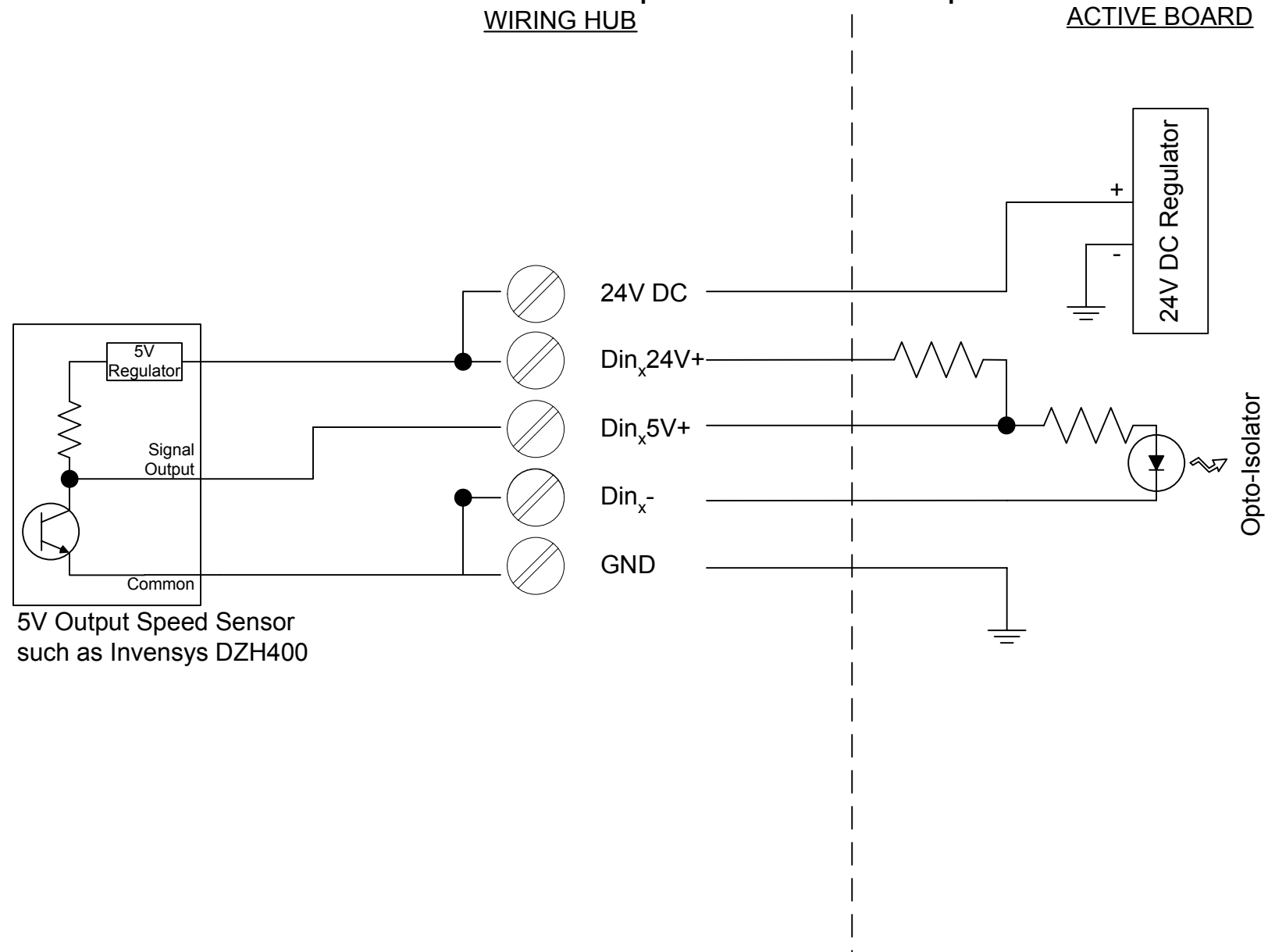
ACTIVE BOARD



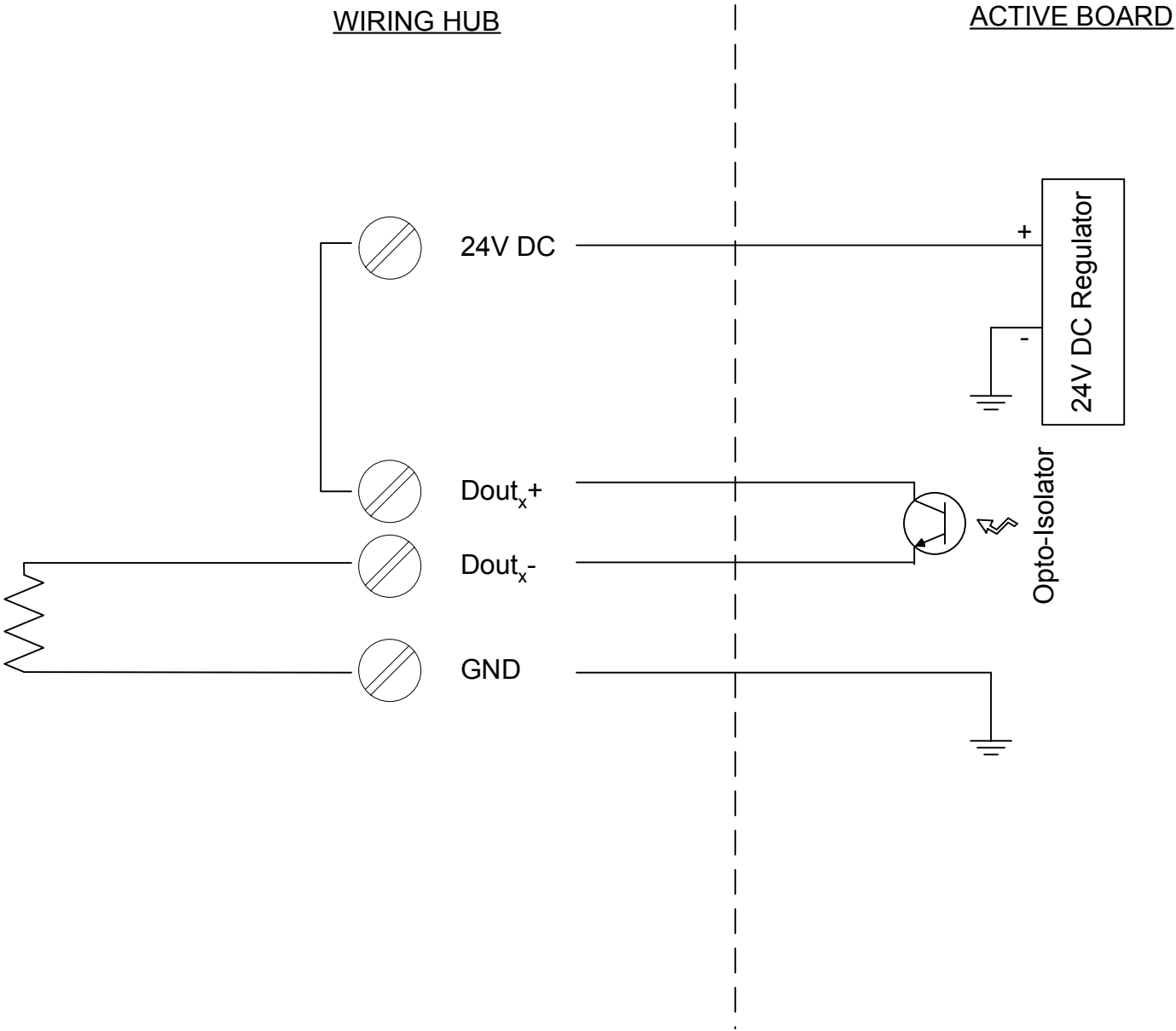
# Process Control Module, Type 1 (PCM-1) Digital Input

## Conditioned Magnetic pickup, hall effect, and other frequency based sensors

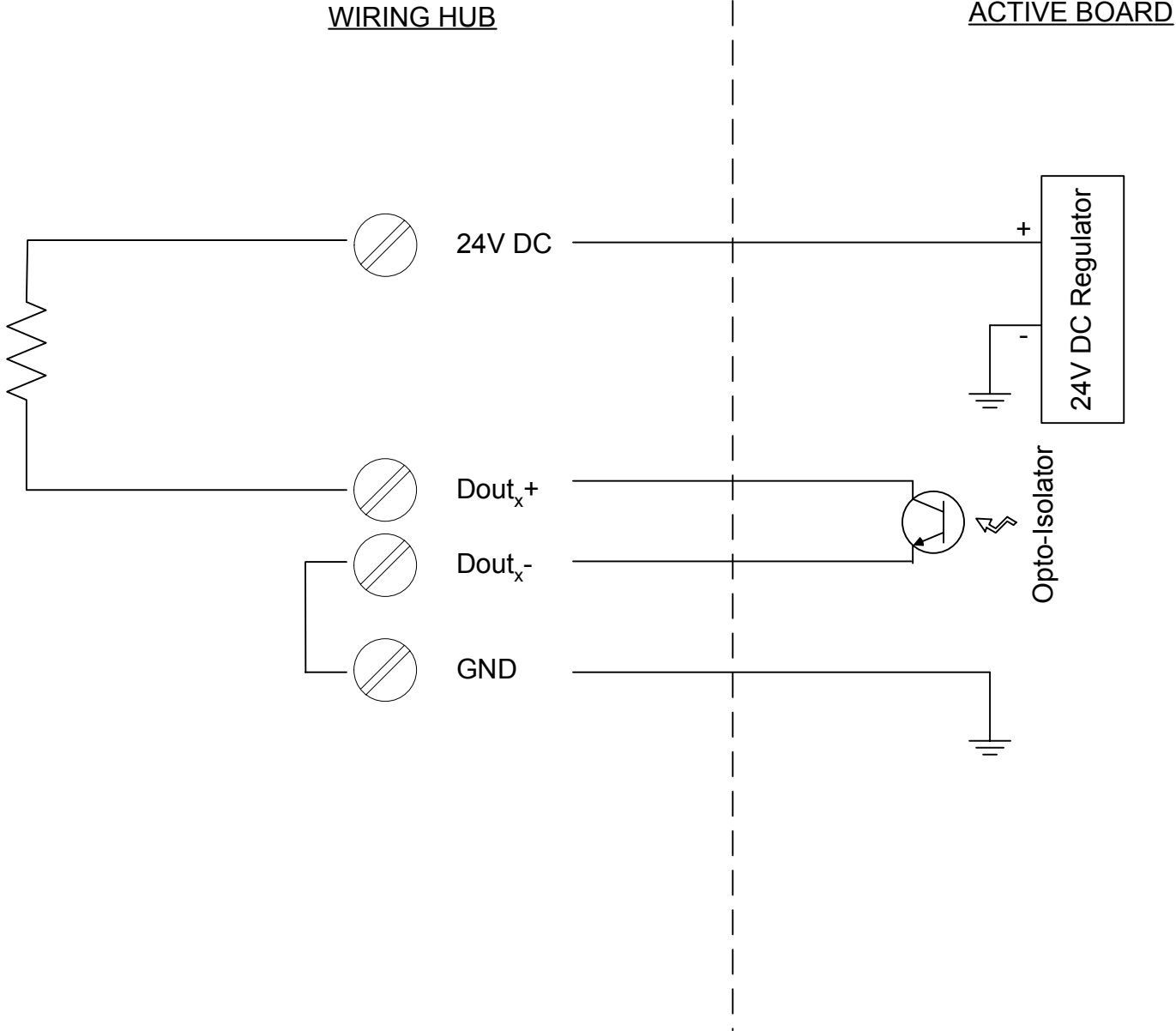
### Example 2: Hall Effect Speed Sensor

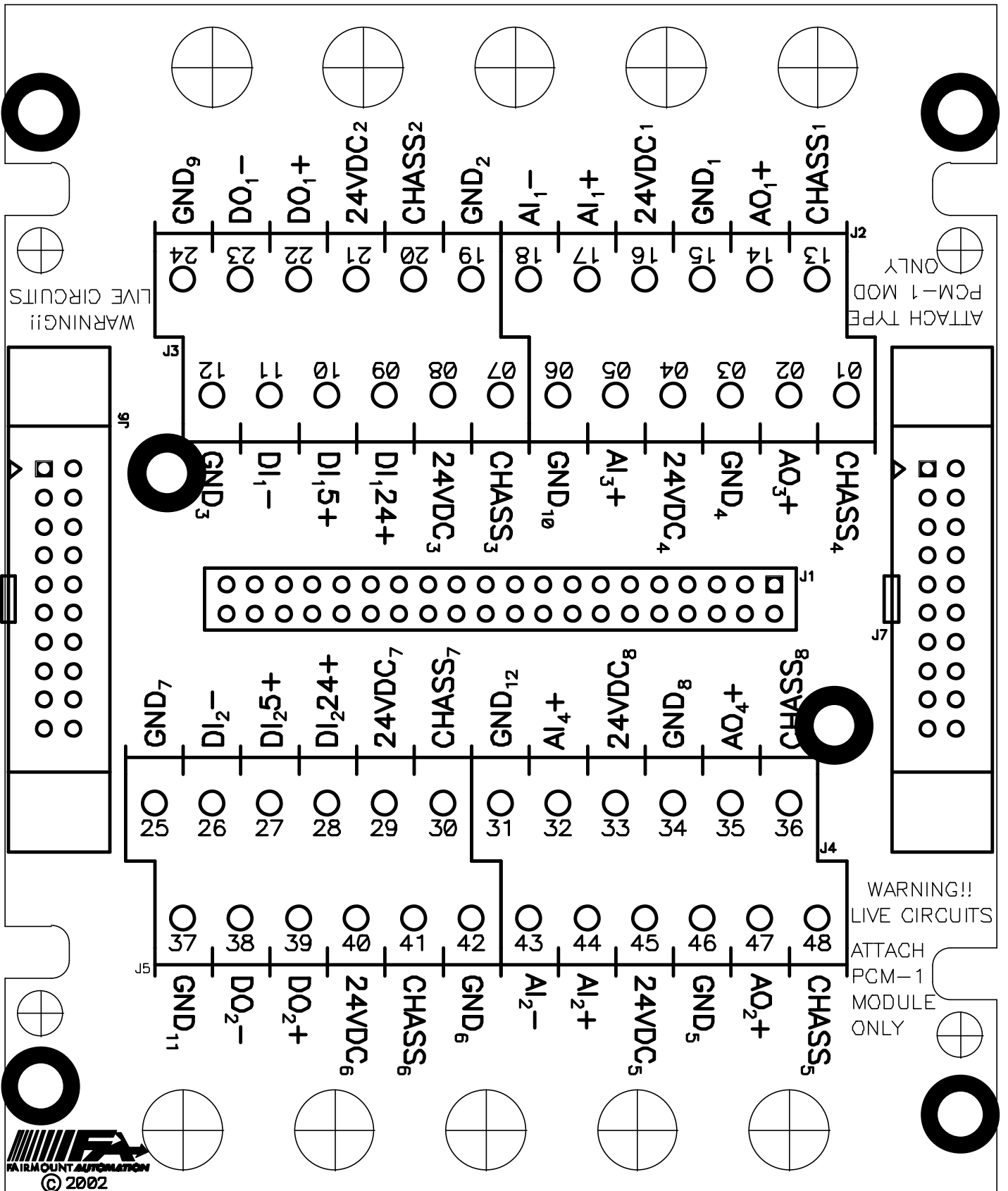


# Process Control Module, Type 1 (PCM-1) Digital Output Source Mode Example



# Process Control Module, Type 1 (PCM-1) Digital Output Sink Mode Example





11014-009  
REV I

ATTACH TYPE  
PCM-1 MOD  
ONLY

WARNING!!  
LIVE CIRCUITS

ATTACH  
PCM-1  
MODULE  
ONLY

BUILD NO.

