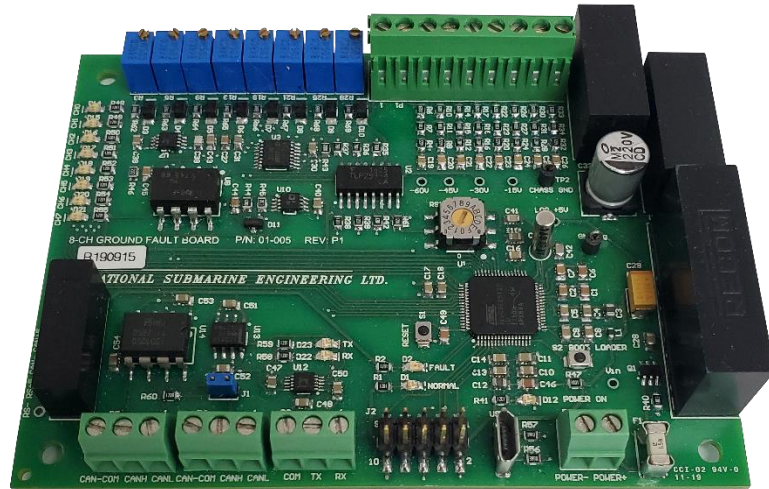




## Description/Features

The ISE Ground Fault Monitoring board (P/N: CEP-01-005) can monitor ground fault isolation for up to 8 channels simultaneously. The Ground Fault board communicates via CAN bus or isolated RS-232 communication port.

The Ground Fault board measures the isolation of each of the channels (>30VDC) with respect to chassis ground and outputs an alarm status if the value falls below the 500k $\Omega$  trigger level. Impedance from 0 M $\Omega$  to 10 M $\Omega$  is reported for each channel at 1 Hz (default) over the configured communication channel.



## Specifications

### Ground Fault Monitoring Channels:

GFM Channels: 8

Monitored Input: < 30 VDC

### RS-232 Communication:

Baud Rate: 9600 - 115200 bps

Data Bits: 8

Stop Bits: 1

Parity: None

Flow Control: None

### CAN Bus Communication:

Specifications: CAN 2.0A and 2.0B

Baud Rate: 100, 125, 250, 500 Kbps

### Mechanical:

Dimensions: 3 in x 4 in

### Environmental:

Operating: -20 – +60 °C

Storage: -40 – +85 °C

### Electrical:

Power Input: 9-28 VDC

Consumption (@ 12/24 VDC): 1.37/2.38 W

Fuse: Littelfuse 05701.5DR