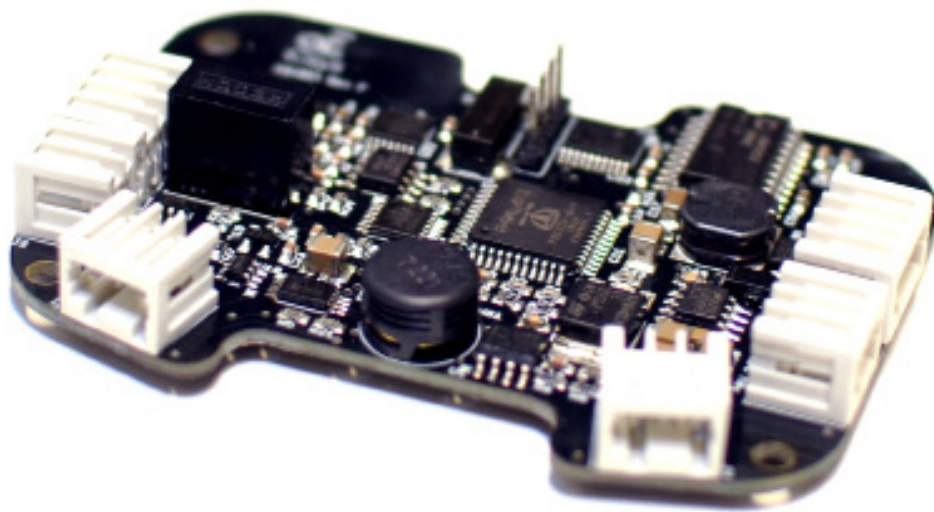


MOTOR MONITORING PCB

INTELLIGENT
CONTROL
SYSTEM



Description

The Motor Monitoring board is a standalone board for intelligent monitoring of subsea motors.

The board uses CAN-Bus communication. Up to 127 boards can be addressed and connected to the same bus.

The board is designed to stay inside oil filled motor housings, but may also be used in other applications where for example a couple of sensors needs to be hooked up to CAN-Bus circuit.

Features

- Standalone
- CAN-Bus
- Pressure Tolerant
- Incremental Encoder Input
- Analog Sensor Input
- PT100 Temperature Sensor Input
- 3Phase Voltage monitoring input (star)
- Vibration monitoring

SPECIFICATIONS

MOTOR MONITORING PCB

General Technical Specifications

Part Number	101884
Dimensions	mm 74x45x13.5
Weight	g ~20
Temperature Operational (ambient)	°C 0 to 85
Temperature Storage	°C -20 to 85

Electrical

Supply Voltage	VDC 7-30
Power Consumption	W ~0.4

Communication

CAN-Bus protocol

Performance

Encoder range	PPM 0 to 50 000
Pressure rating	Bar 500
Analog Input	16Bit 0-5V
PT100 Input range	°C -200 to +200
3~ Voltage measurement	VAC 0 to 80

Ordering Part Numbers

Description	Part Number
Motor Monitoring PCB (inc. connectors, screws and spacers)	101884

Accessories

Connector 4pin	100459
Connector 3pin	100464
Connector 2pin	100465

