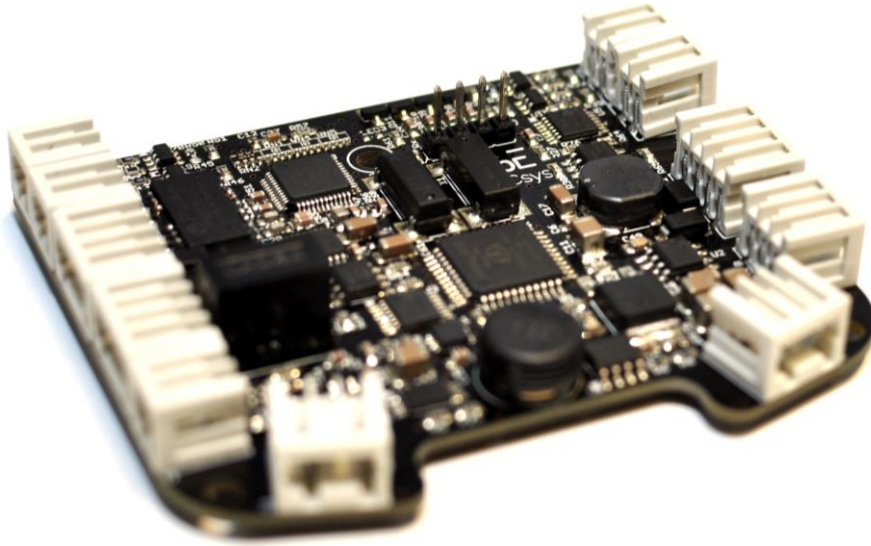


SPECIFICATIONS

PCB MOTOR MONITORING



Description

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

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 an Ethernet or RS485 circuit.

Features

- Standalone
- Ethernet
- RS485
- Pressure tolerant
- Incremental encoder input
- Analog sensor input
- PT100 temperature sensor Input
- 3Phase Voltage monitoring input (star)
- Vibration monitoring

SPECIFICATIONS

PCB MOTOR MONITORING

General Technical Specifications

Type		PCB Motor Monitoring
Dimensions	mm	74x45x14
Weight	g	~30
Temperature Operational (ambient)	°C	0 to +85
Temperature Storage	°C	-20 to +85

Electrical

Supply Voltage	VDC	24VDC (7-30)
Power Consumption	W	~1.3W

Communication

Ethernet	Mbps	10/100
RS485	Kbps	9.6-230.4

Performance

Encoder range	PPM	0 to 50 000
Analog Input Voltage	V	0 to 5
Analog Input Resolution		16bit (65535)
PT100 Input range	°	-200 to +200
3~ Voltage measurement	VAC	0 to 80

Ordering Part Numbers

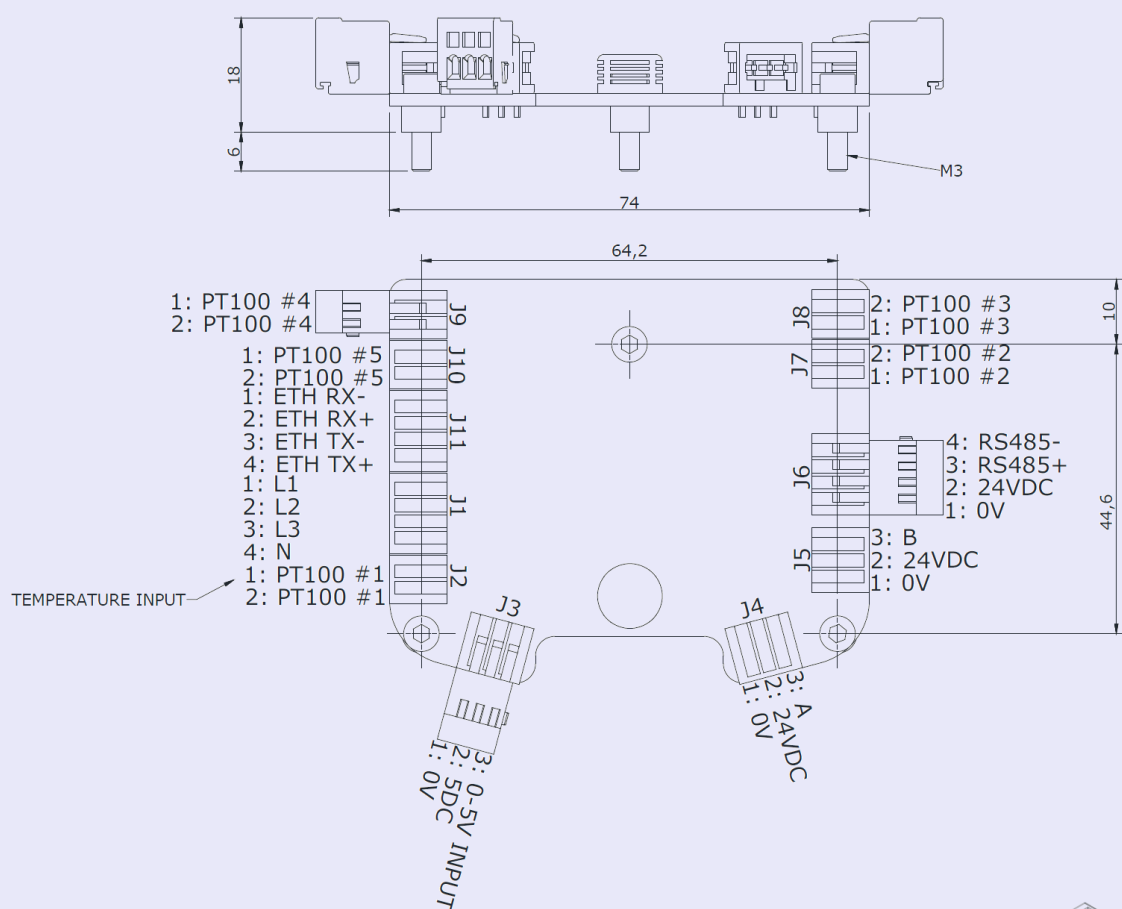
Description	Part Number
PCB Motor Monitoring	109504

Accessories

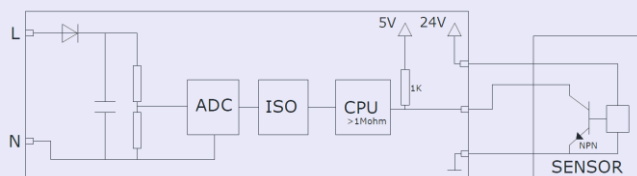
Connector 4way	100086
Connector 3way	100894
Connector 2way	100040

SPECIFICATIONS

PCB MOTOR MONITORING



AC MEASUREMENT CIRCUIT
MAX 40VAC



DIGITAL INPUT
NPN OPEN COLLECTOR

