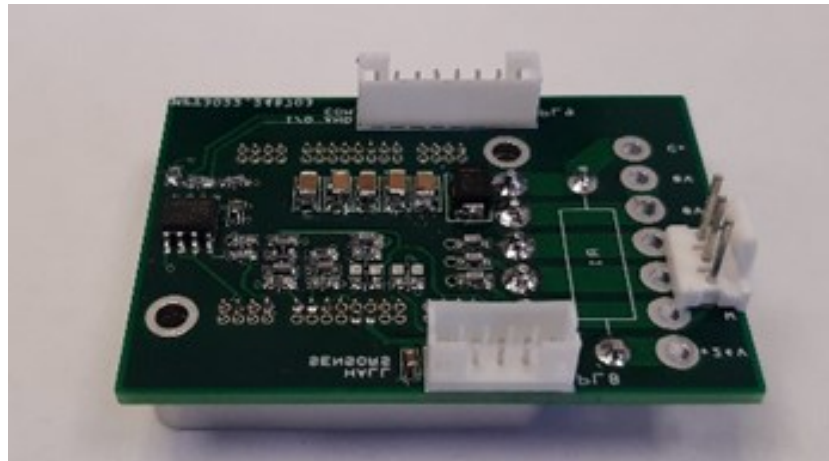


BLDC MOTOR CONTROLLER PN 300040 DATASHEET



Key Features

General

Brushless DC motor controller with integrated soft start and transient protection. Compact and rugged design with high motor current capacity. Advanced controller functionality, configurable for both stand-alone operation and remote control. Designed for use in compact subsea units with brushless DC motors.

Technical Data Modem

Supply voltage	8 - 24V DC
Motor current	18A RMS (25A peak) maximum motor winding current
Motor Feedback	<ul style="list-style-type: none"> • Hall effect sensors • Rotational Encoder
Control	<p>Control of motor speed and position using one of these communication interfaces:</p> <ul style="list-style-type: none"> • RS-485 • CANbus • Ethernet
Configuration	<ul style="list-style-type: none"> • Auto-start on power-up option • Maximum speed and acceleration • Maximum torque • Maximum motor current • PID regulator parameters • Motor and feedback type configuration
Temperature	<p>Operating temperature range: -10 to +60 °C Storage temperature range: -30 to +70 °C</p>
Dimensions	53 x 37 x 20 mm