



FUEL PUMP CONTROL MODULE

The different module variants including simple single function motor control modules which reads in a low power duty cycle of a PWM-control-signal and transform it to a power PWM output signal, up to complex multifunction EC motor control modules, modules for sensor based and sensorless motor control which provides several interfaces for sensors, communication and additional actuators. HELLA offers individual products, like the fuel pump control modules, based on customer requirements.

ADVANTAGES

- Demand-driven motors improve fuel economy and prolongs motor lifetime
- Sealed housing allows interior and exterior mounting
- Ideally suited for cross platform application to benefit from economies of scale
- Cost efficient design based on standardized hardware and software platform
- Integration of additional functions

Technical Data

Operating supply voltage range	6 V to 18 V (4.5 V to 18 V for PWM output)
Operating temperature range	- 40 °C to 125 °C
Current consumption	Up to 20 Amps
Electrical interfaces	HS-CAN, PWM outputs, analog and digital inputs
Protection features	All inputs and outputs are protected against short to ground and short to battery
Outputs	PWM output with up to 20 A at 20 KHz

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