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
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<th>Technical Data</th>
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| 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 |