

Gasoline port fuel injection



The economic solution for tailored performance

up to
60 kW/l

Gasoline



Powertrain systems and electrified mobility

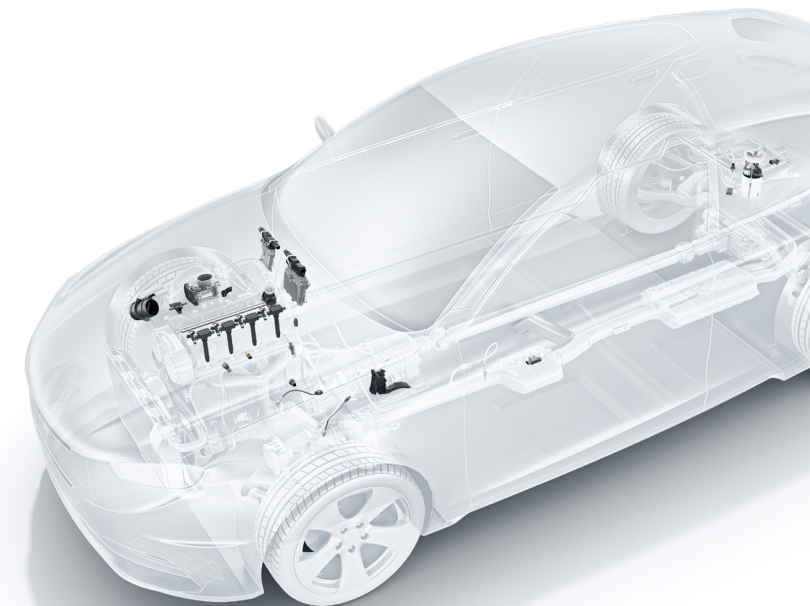
Reliable, systematic fuel supply with a future

cost-effective

compared with high-pressure systems due to less complex software and injection control

efficient

Reduction of CO₂ and HC emissions thanks to innovative further development, such as e.g. Advanced PFI or downsizing



- ▶ The port fuel injection is the most popular drive system for gasoline motors worldwide and will keep playing an important role also in the future as regards the hybridization of the power train
- ▶ It convinces with low costs, reduced technology and new, innovative further developments
- ▶ Bosch offers completely coordinated system technology and individual components for fuel supply, fuel injection, air management, ignition, engine management and exhaust gas treatment
- ▶ Reduced functionality compared with systems with high-pressure direct injection facilitates the use of a less complex software
- ▶ Reduced injection control by means of variances regarding the injection time frame
- ▶ Advantages compared with gasoline direct injection at an engine power of 60 kW/liter and downsizing concepts of up to 25%