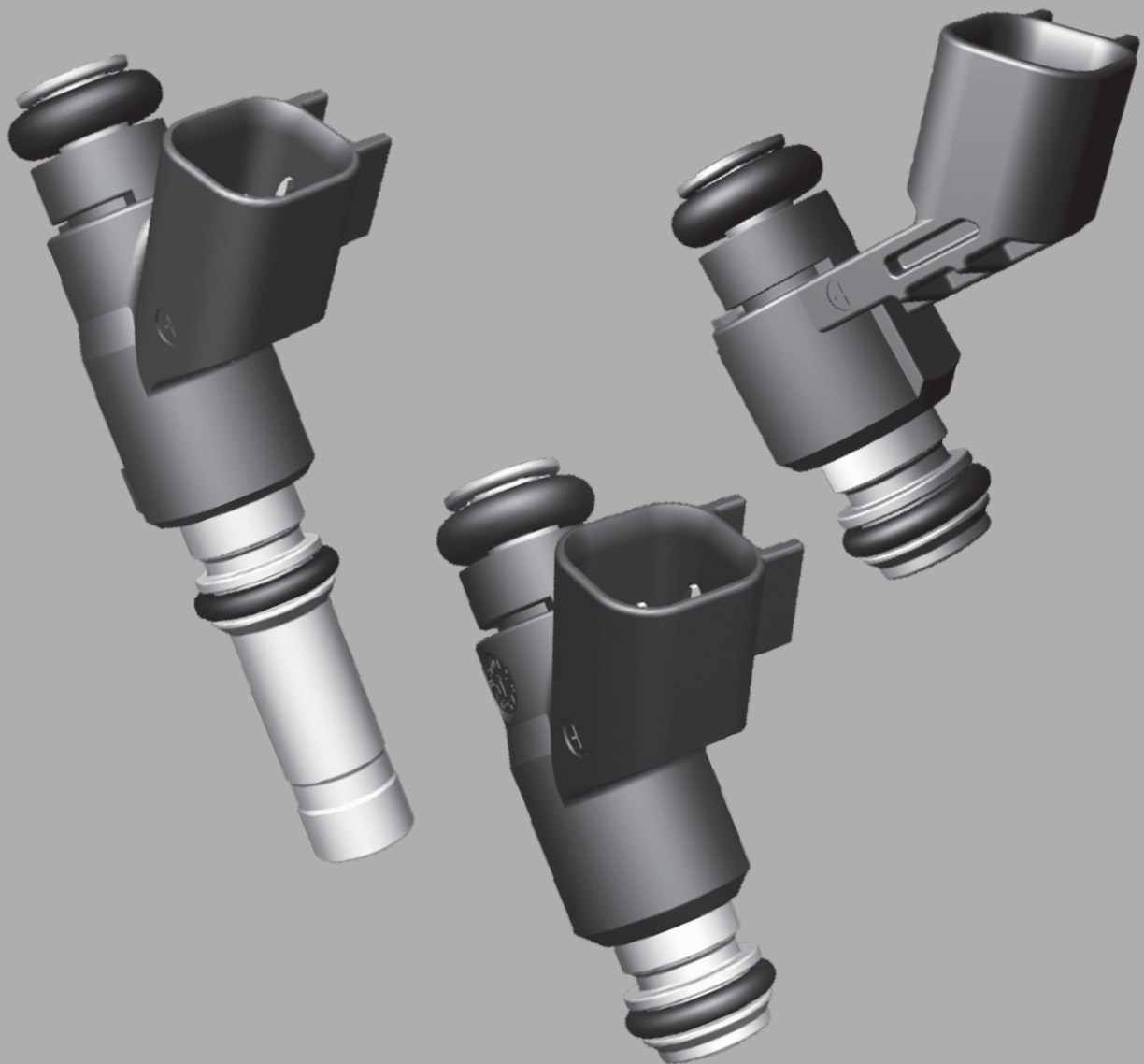




Explore our technologies

PORT FUEL INJECTOR MULTEC[®]3.5 PFI

Suitable for a wide range of applications using a variety of fuels and liquids, including small engine, passenger car and light duty commercial vehicles

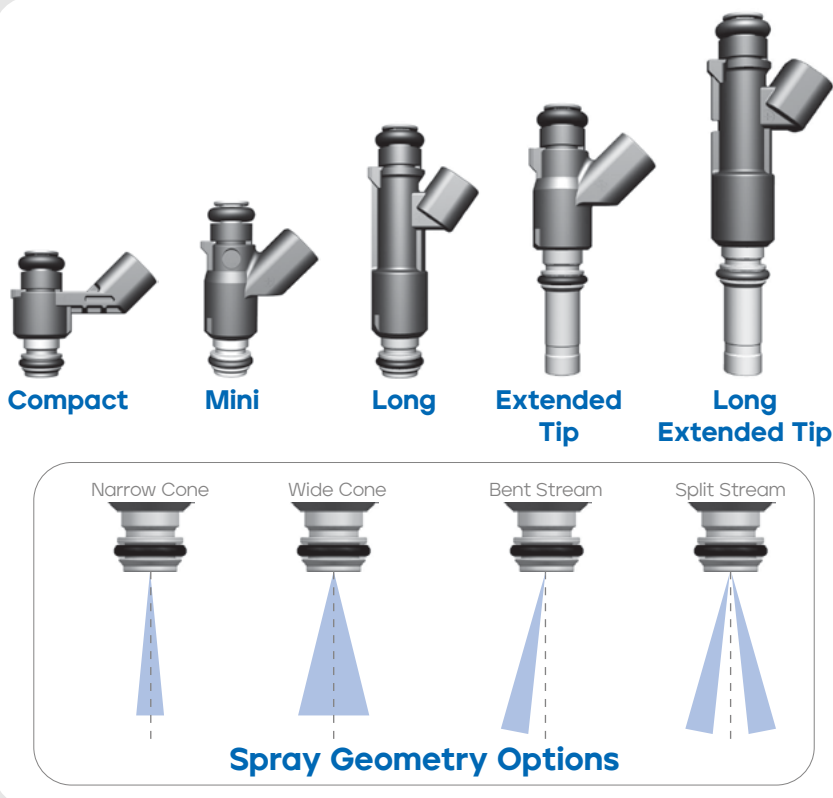




Explore our technologies

PORT FUEL INJECTOR MULTEC[®]3.5 PFI

ECU controlled low pressure fuel injector for internal combustion engines and liquid injection applications.



Features

- Compact injector design with high impedance coil
- Several package size options are available and adaptable for different installations
- Injector has been designed for worldwide applications
- Compatible with fluids such as gasoline, alcohol, water, diesel, & DEF

Design Features

- Direct acting single coil solenoid - standard and higher force options are available
- Can be used with low-cost saturated switch or peak and hold drives
- Inward opening control valve that uses a precision ball and conical seat design (low tip leakage)

Performance

- Static flow: 0.6 g/s to 5.6 g/s (Stoddard Solvent at 4 bar gauge)
- Nominal operating pressure: 2 to 8 bar gauge
- System voltage: 6V to 16V
- Validated to 600M cycles in E10 fuel

Benefits

- Flow and spray geometries can be customized to match a specific application
- Validated for use with alcohol fuel blends (E10, E20, E85, E100, M15, & M100), water, & DEF
- Options are available for improved injector durability in challenging environments
- Compatible with standard OBD strategies

FEATURE	MULTEC [®] 3.5 PFI
Static Flow Range (g/s Stoddard)	0.6 to 5.6 (typical)
Operating Pressure (bar gauge)	2 to 8 (options for 10 bar)
Ambient Temperature Range (°C)	-40 to +125
Fuels Compatability	Gasoline, ethanol, methanol, fuel blends, diesel, water, DEF fluid
Spray Geometries	Single spray, split stream (dual spray), bent stream (skewed)
Hole Quantity	1 to 12
Solenoid Resistance (ohms)	12.0 (higher force 7.6-ohm option)
Maximum OD (mm)	ø17.0 (solenoid diameter)
Tip Diameter (mm)	ø10.1
Electrical Connectors	USCAR, Jetronic/Minitimer

For additional Delphi information: phinia.com/technologies