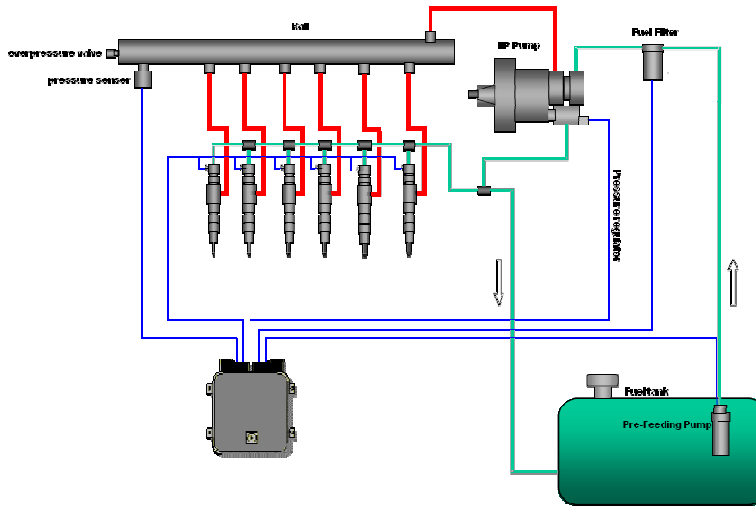




Automotive Common rail ECU



The automotive common rail ecu is an ECU for Diesel engines with up to 6 cylinders. It is developed for use in combination with solenoid or piezo injectors. The software is provided with an optimized function range. The ECU is able to operate in a 12 V system.



Application		Electrical Data	
Engine layout	up to 6 cyl	Power consumption w/o inj.	approx. 5 W
Injector types	solenoid or piezo valve injectors	Power consumption @ full load	approx. 100 W
Injection timing	1 pilot 1 main injection 1 post	Inputs: 16 analog, 12 digital	
Turbo boost control	single Turbo	• Crankshaft sensor:	inductive
EGR control		• Camshaft sensor:	hall effect
Mechanical Data		• 1 internal atmospheric pressure sensor (optional)	
Dust and waterproof aluminium housing		Outputs:	
2 connectors		• 6 injection power stages for solenoid or piezo injectors	
Maximum dimensions		• 4 PWM outputs	
with connectors	164 x 118 x 40 mm	• 16 outputs: Main relay, fuel pump relay, fuel-pre-heat relay, warning lamp, EGR, VGT, etc..	
Weight	approx. 700g		
ECU internal temperature range	-40°C ... +85°C	Communication interfaces	
Connectors		1 CAN interface:	
Connector 1	81 ways	display / logger	
Connector 2	40 ways	1 RS232 / Kline:	
Included Features		Calibration software	
Complete SW documentation			