



EG RAILGAS

RAILGAS is a classic construction piston type LPG/CNG injection rail. Its inner metal and rubber elements and piston stroke have been matched in a way which ensures quick and stable injection opening and closing time on higher gas pressure values. It is available in 2 versions equipped with 2 Ohm or 3 Ohm coils having 2-way Amp/Delphi type built-in watertight connector.

RAILGAS body is made of extruded black anodized aluminum. All metal elements have been made on high precision new CNC machinery, which ensures high repeatability of each injection rail part. FPM and NBR inner components delivered by reliable suppliers guarantee high durability in long-lasting contact with gaseous LPG or CNG.

Injection rail construction ensures good access to its internal components. It is possible to conduct service maintenance with dedicated service tools and repair sets which can be supplied upon customer request.

Technical specification

Static flow rate, nozzle diameter 3 mm (at 1,2 bar) 100 ÷ 110 [l/min]

Working pressure 0,5-4,0 [bar]

Max. working pressure 4,5 [bar]

Operating voltage range 11 ÷ 16 [V DC]

Working temperature -40 ÷ 120 [°C]

Connector AMP SuperSeal 2-way

Opening time $\varnothing 2,7$ [ms] $\varnothing 3,15$ [ms]

Closing time $\varnothing 2,4$ [ms] $\varnothing 2,4$ [ms]

Coil resistance 2,0 $\pm 5\%$ [Ω] 3,0 $\pm 5\%$ [Ω]

ECE approvals E8 67 R01 4712, E8 110 R00 4713

Inlet gas fitting $\varnothing 12$ [mm] Rubber hose

Outlet gas fitting M8x1 Calibrated nozzles

Calibrated nozzle hole range 1,5 1,75 2,0 2,25 2,5 2,75 3,0 [mm]

Effective flow rate 10 ÷ 32 [BHP]

Extra accessories attached M5 metal-rubber anti-vibration studs