A photograph of a gas injection system, likely for a vehicle engine, is shown in the middle section. The image is blurred horizontally, suggesting motion. The components include various pipes, valves, and injectors. The text 'Generation II Gas Injection Systems' is overlaid on the image in a stylized font. The word 'Generation' is in a bold, italicized, black font. The Roman numeral 'II' is large and blue with a white outline. 'Gas Injection Systems' is in a bold, italicized, black font.

**Generation II Gas Injection Systems**





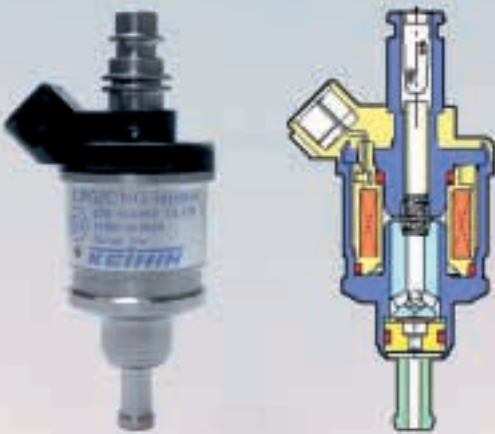
## VSI

- VSI : Vapour Sequential Injection
- Fully integrated “master – slave” management system
- EOBD compatible (no signal emulation required)
- System diagnostics by monitoring vital signals and components
- Emission strategy functions for optimisation
- System communication via CAN-bus prepared
- Available for LPG and CNG configurations
- LPG performance comparable to petrol
- R67-01 and R 110 homologated
- Corrosion protected



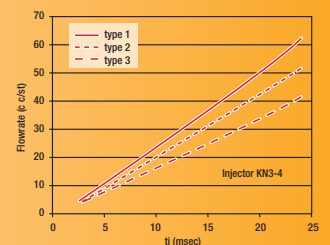
## Reducer

- Single stage
- Large capacity (14gr/s)
- Stable dynamic characteristics
- Adjustable pressure range with anti-tamper seal
- Map independent system, due to excellent LFR of injector
- Map function, optional if required
- Integrated OEM coolant sensor
- Complies with R67-01 homologation with 5 bar pressure relieve valve
- Complete with electronic lock off valve, liquid filter, and magnet
- Compact design for ease of installation



## Keihin OEM injector

- Developed in cooperation with Prins by Keihin Corp, Japan one of the worlds leading injector manufacturer, ensuring quality and reliability
- Excellent *linear flow rate* (LFR = linear behavior from minimum to maximum flow)
- Linear from 2,5 ms
- Model range available to cater for small and large engine displacement
- OEM quality injectors, performance guaranteed and long durability (290 million cycles)
- Injector rails available in three / four /and six fitting configurations



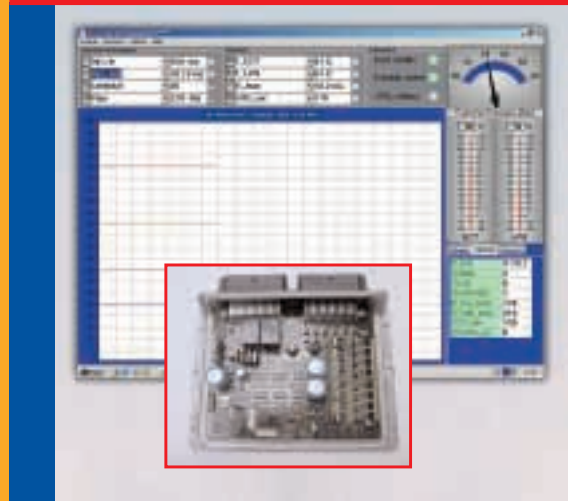
## Injector rail

- Uncomplicated fitting
- Assembled and leak tested at factory prior to despatch
- 3/4/6 cylinder assemblies



## Filter unit

- Compact design with single or dual delivery outlets
- Fitted with 10-micron ( $\beta_{10} > 75$ ) dry gas filter protecting the fine tolerance of the injectors, from gaseous pollutants
- Combined gaseous temperature and pressure sensor



## VSI ECM

- ECM injector driver capability up to 8 cylinders
- Injector drivers based on “closed loop peak & hold current control”
- Injector diagnostics constant monitoring:
  - No load
  - Overload
  - Driver temperature
  - Short circuit
- Diagnostics, service and parameter load software operates from Windows 95/98 applications
- CAN-controller (2.0b) communication possible with OEM CAN-bus
- Complete wiring harness: colour coded, with text and numbering to ensure simple and efficient installation



## Fuel selector switch:

- Small and compact design suits all cabin interiors
- Fuel select: via smart touch control, informs operator of LPG tank contents, audible buzzer to alert low level switching or fault codes, illuminated fault code warning with LED



## Tank dimensions:

- Cylindrical tanks available: 30ltr. – 150 ltr.
- Torodial space saving tanks available to suit all applications: 51ltr. - 74 ltr.
- Spare wheel covers, flat tyre repair available

