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Fuel Injection Systems and Parts

DUATRON electronic engine control unit

DUATRON is an easy to be used control system for modern common rail injection engines with up to 12 Injectors. Higher numbers of cylinders can be handled using two units in a Master- Slave configuration.



The DUATRON unit is modular in both hardware and software design and can be quickly adapted to different applications, such as genset, locomotive or propulsion.

Over the years three different types of use have been identified.

-Full common rail diesel engine. This is the basic application of DUATRON. With the flexibility of an electronic fuel injection system, engines can be easier optimized for each operation point.

-Micro pilot common rail for gas engines. Compared to spark ignited gas micro pilot ignition helps to get a more reliable and better combustion if poorer quality gas is used.

-Dual fuel gas- / diesel engine. Dual fuel engines provide flexibility to use different fuel depending on actual market prices.

Regards,

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