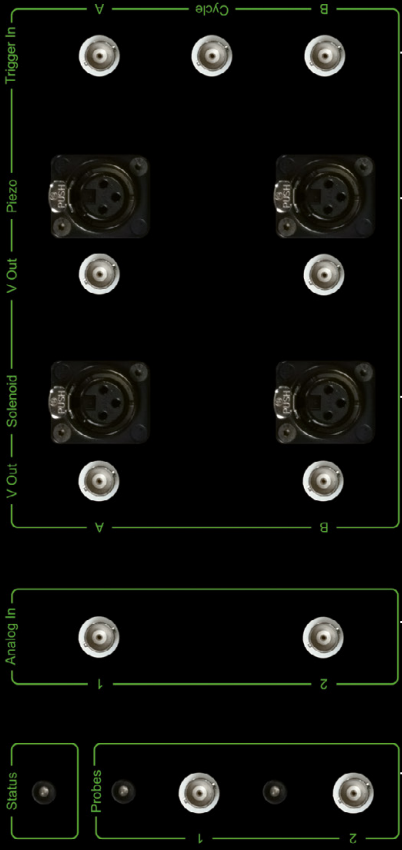


INECOS/ISL cuC



Signal Probes

Multipurpose Inputs

Solenoids

Piezos

Trigger Channels

DRIVER SYSTEM FOR SOLENOIDS AND PIEZOS

KEY FEATURES

- Reconfigurable FPGA based driver control
- Flexible definition and sequencing of energization phases
- Adjustable boost and hold voltages
- Back boost adjustable independently from boost voltage
- Open and closed loop current and voltage control
- Current sensing during entire energization incl. back boost
- Integrated scope for internal and external signals
- User friendly, ergonomic GUI (can be customized)
- Operation modes
 - Stand alone
 - ECU
 - Bypass
 - Externally triggered

ADDITIONAL FEATURES

- Open for custom algorithms and user defined code
- Trigger outputs to synchronize external peripherals
- Extendable to complete ECU or end of line tester with more channels (up to 12 injectors per iSL CuC) etc.

TECHNICAL DATA

SOLENOID	PIEZO
40 A peak 4 A cont.	20 A peak
1- 90 V or 1- 180 V boost 1- 24 V or 1- 48 V hold 1- 90 V back boost*	10- 200 V boost
Up to 5 energizations**	
Up to 10 phases per energizations**	
Current measurement error <1% Calibration for higher precision*	
Voltage measurement error <1% Calibration for higher precision*	

* optional feature **optionally more