

D166

SPECIFICATION

| Item | Value | | Unit | |
|--|--|------|--------|-------|
| | min | max | | |
| <u>INPUTS</u> | | | | |
| Analog inputs 13 channels Throttle request, Fuel Pressure, Throttle, Turbo Pressure, Lambda, Air Flow, Air temperature, Engine temperature, Fuel Temperature, Generic 1, Generic 2, Battery voltage, Calibration selector | 0 | 5 | volts | |
| Engine revolution (electromagnetic / hall) | 0,5/0 | 80/5 | volts | |
| Cam (electromagnetic / hall) | 0,5/0 | 80/5 | volts | |
| Gear switch | 0 | 5 | volts | |
| Start switch | 0 | 5 | volts | |
| Digital /speed 4 channels | 0 | 5 | volts | |
| <u>OUTPUTS</u> | | | | |
| 6 injector drivers max hold current | 0 | 15 | Amps | |
| max peek voltage | 0 | 80 | Volts | |
| 6 Coils drivers (direct) | 0 | 10 | Amps | |
| 1 Drive By Wire control | 0 | 10 | Amps | |
| 5 valves control 2 Pfuel , Egr, Turbo Reg, Generic solenoid | 0 | 5 | Amps | |
| 5 solenoid control | 0 | 5 | Amps | |
| <u>COMMUNICATIONS</u> | | | | |
| Can | | 1 | Mbit | |
| rs232 channel 1 | | 3840 | Baud | |
| Ethernet | | 0 | Mbit | |
| | | 10 | | |
| <u>LOGIC</u> | | | | |
| Microprocessor capability | | 80 | Mips | |
| Data logger | | 4 | Mbytes | |
| Flash capability | | 32 | | |
| logged channels | | 1 | kHz | |
| maximum sampling rate | | | | |
| <u>SPECIAL FUNCTIONS</u> | | | | |
| Multi calibration selector up 4 calibration | | | | |
| Smart turbo control strategy | | | | |
| Smart fuel pressure strategy | | | | |
| Traction control / launch control | | | | |
| dynamic acceleration control | | | | |
| <u>ELECTRICAL</u> | power supply | 7 | 30 | volts |
| <u>ENVIRONMENTAL</u> | Operating Temperature Range (internal) | -20 | 85 | °C |
| <u>DIMENSIONS</u> | 170 x 165 x 45 | | | mm |