

## TECHNICAL DATA and SPECIFICATIONS

### ControlBox (ECU)

#### Temperature

Ambient temperature:	-15 ... 80 °C
Measuring range:	50 ... 1050 °C

#### Pressure

Measuring range:	0 ... 600 mbar
Tolerance:	2 % of full scale
Overpressure safe up to:	max. 2.0 bar

Power supply:	10 - 30 V DC
Current rating:	150 - 170 mA (in operation); 1 mA (standby)
Protection type:	IP63
Alarm outputs:	3 x 5 A power high-side drivers, Overload-protected, BTS 436
Inputs:	3 (RPM, 2. Temperature, A/D)
Oscillation level:	10 g at natural frequency
Dimensions:	95 x 100 x 38 mm
Memory:	16 MB
Data Recording Period:	370 days (10 second recording interval)
Alarm Memory:	25.000 data records

Electrical protection reverse polarity, short circuiting and overvoltage.

EMC protection E13; No.: 10R-03 9953: suppressed against incoming and outgoing electrical interference.