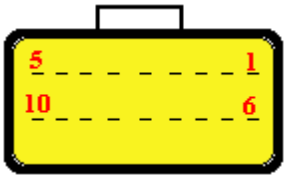
Econoseal 10 pinout **TEMPLATE** (although this might be the most frequently applied pinout, use the paper included with the device as reference). Backside of the female connector, or **looking into the connector with male receptacles:**



(always verify GND pin continuity to JPT55/pin10 or pin14, pin19, pin24, pin30)

1: mcp3208 ch0 (protected analog input)
2: mcp3208 ch1 (protected analog input)
3: mcp3208 ch2 (protected and pulled up analog input)
4: mcp3208 ch5 (protected and pulled up analog input)
5: mcp3208 ch6 (pulled up analog input, Strictly 0-5V. Only if you know what you're doing, don't damage it !)
6: 2nd serial in (data from the TX of NMEA GPS „RS232" signal)
7: p259 ch4 output (switching to GND ; primarily for LED with min 100 Ohm current-limiting resistor, or Check-engine-light or resistive load, max 300mA)
8: Ignition ch2 (IGBT)
9: Ignition ch3 (IGBT)
10: **GND**

The **serial cable** is ready for Bluetooth or Wi-fi (**+5V on DSUB9/pin9**, GND is DSUB9/pin 5)

JPT 55/5 Ignition ch7
JPT 55/9 mcp3208 ch7

Active coils (or power output stages) assumed, ignition outputs are driven by logic level ignition outputs (not suitable to directly drive passive-coils).