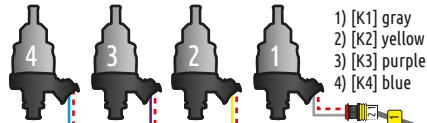
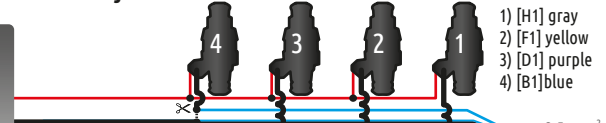


A1	Inductive signal A input	A2	Inductive signal A output	A3	Inductive signal B input	A4	Inductive signal B output
B1	Petrol injector 4 (injector side)	B2	Digital signal 1 input	B3	Digital signal 1 output	B4	Inductive sensor shield
C1	Petrol injector 4 (petrol ECU side)	C2	Digital signal 2 input	C3	Digital signal 2 output	C4	TPS signal
D1	Petrol injector 3 (injector side)	D2	+12V TAP (from the key)	D3	Gas absolute pressure	D4	Manifold Absolute Pressure (Vacuum)
E1	Petrol injector 3 (petrol ECU side)	E2	Gas temperature	E3	Reducer temperature	E4	GND sensors
F1	Petrol injector 2 (injector side)	F2	Lambda 2	F3	RPM	F4	Gas level indication sensor
G1	Petrol injector 2 (petrol ECU side)	G2	Lambda 1	G3	OBD II CAN L-line	G4	OBD II CAN H-line
H1	Petrol injector 1 (injector side)	H2	Switch DATA	H3	Switch button	H4	Diagnostic interface Tx
J1	Petrol injector 1 (petrol ECU side)	J2	+5V switch power supply	J3	OBD II K-line	J4	Diagnostic interface Rx
K1	Gas injector 1	K2	Gas injector 2	K3	Gas injector 3	K4	Gas injector 4
L1	+12V ignition from the key	L2	+12V to (pressure and temp. sensor, interface, gas level sensor)	L3	GND sensors, interface, switch	L4	GND battery
M1	+12V to gas injectors	M2	+12V to solenoid valves	M3	Fuel pump	M4	+12V Battery

**Petrol ECU side**

- 1) [J1] gray-black
  - 2) [G1] yellow-black
  - 3) [E1] purple-black
  - 4) [C1] blue-black
- Petrol ECU**

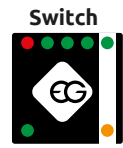
**Petrol injectors**



**ID 0480201xx**

To gas injectors

**Gas injectors**



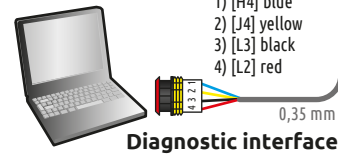
- 1) [J2] red
- 2) [L3] black
- 3) [H3] blue
- 4) [H2] brown

0,35 mm²

Lambda 1 [G2] purple  
Lambda 2 [F2] purple/black

+12V batt. (-)

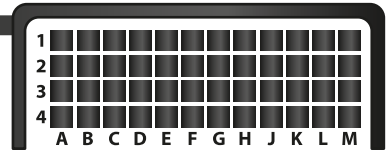
normally closed relay



**Diagnostic interface**

Fuel pump circuit

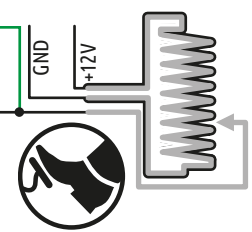
[M3] pink 0,75 mm²



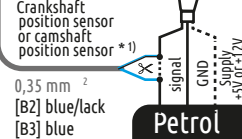
0,35 mm² [C4] green

**Petrol ECU**

Signal TPS

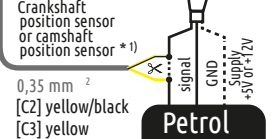


**Digital 1**

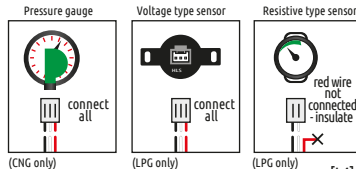


\*1) Connect the camshaft position sensor only when necessary.

**Digital 2**



**Level indication sensor**



Pressure gauge (CNG only)  
Voltage type sensor (LPG only)  
Resistive type sensor (LPG only)

All 0,35 mm²

[L4] black [F4] white [L2] red

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

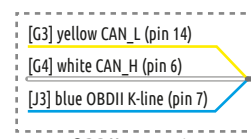
[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²

[M2] blue [GND battery] black 1 mm²



[G3] yellow CAN\_L (pin 14)  
[G4] white CAN\_H (pin 6)  
[J3] blue OBDII K-line (pin 7)

0,35 mm²

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

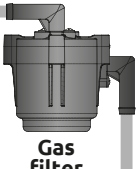
[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

Pressure and temperature sensor

- 1) [L2] red
- 2) [E2] yellow
- 3) [D3] white
- 4) [D4] blue
- 5) [E4] black

0,35 mm²



Reducer temperature sensor

1) [E4] black 2) [E3] white

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

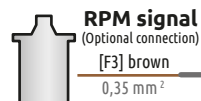
[M2] blue [GND battery] black

[M2] blue [GND battery] black

[M2] blue [GND battery] black

Solenoid valve

Multivalve (LPG only)



RPM signal (Optional connection)

[F3] brown 0,35 mm²

+12V Battery

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

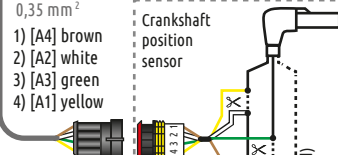
[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

**Inductive**



0,35 mm²

1) [A4] brown 2) [A2] white 3) [A3] green 4) [A1] yellow

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

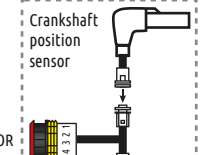
[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black



0,35 mm²

1) [A4] brown 2) [A2] white 3) [A3] green 4) [A1] yellow

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black

[M4] red [L4] black [GND solenoid valves] black