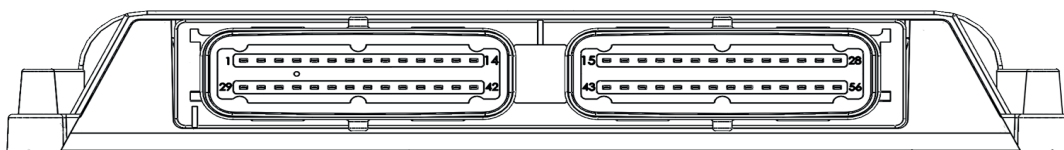


## Pinout description: Controller TECH SYMBIO - 56 PIN (version 4+4)



Pin no.	Type	Wire color	Description
1	output	yellow	MPI injector 1 cut-off - injector side
2	output	green	MPI injector 2 cut-off - injector side
3	output	red	MPI injector 3 cut-off - injector side
4	output	blue	MPI injector 4 cut-off - injector side
5	output	blue	+12V - gas electrovalves
6	input	red	+12V - battery (gas injectors supply)
7	output	gray-green	gas injector 2 - signal
8	output	gray-blue	gas injector 4 - signal
9	output	red	+12V - supply (interface)
10	output	red	+12V - switch supply
11	output	red	+12V - gas level sensor supply
12	-	-	-
13	input	red	ignition switch
14	input	white	manifold vaccum signal - PTS-01 sensor
15	input	black	high fuel pressure sensor emulator - sensor GND
16	input	gray	high fuel pressure sensor emulator - sensor side
17	output	yellow-black	pump external emulator - turn on
18	input	orange	reducer temperature
19	input	purple	analog input 1
20	input/output	white	Rx/Tx switch
21	input	blue	interface (RxD)
22	input/output	green	OBD (CAN-L)
23	input	green-white	direct petrol injector 2 - high
24	input	red-white	direct petrol injector 3 - high
25	output	green	direct petrol injector 2 - low injector side
26	output	red	direct petrol injector 3 - low injector side
27	input	blue-white	direct petrol injector 4 - high
28	input	red-black	direct petrol injector 3 - low ECU side
29	input	yellow-black	MPI injector 1 cut-off - ECU side
30	input	green-black	MPI injector 2 cut-off - ECU side
31	input	red-black	MPI injector 3 cut-off - ECU side
32	input	blue-black	MPI injector 4 cut-off - ECU side
33	output	red-black	+12V - gas injectors supply
34	input	red	+12V - battery (gas injectors supply)
35	output	gray-yellow	gas injector 1 - signal
36	output	gray-red	gas injector 3 - signal
37	input	red	+ 12V - battery (controller supply)
38	output	red	+ 12V - supply PTS-01 sensor
39	input	black	GND - battery
40	input	black	GND - battery
41	input	brown	engine speed
42	input	blue	gas pressure signal - PTS-01 sensor
43	output	gray-black	high fuel pressure sensor emulator - ECU side
44	input	white	gas level sensor - signal
45	output	yellow	pump external emulator - signal
46	input	yellow-red	pump external emulator - measurement
47	input	orange	gas temperature signal - PTS-01 sensor
48	output	white	interface (TxD)
49	output	black	GND (PTS-01, gas level sensor, switch)
50	input/output	white	OBD (CAN-H)
51	output	yellow	direct petrol injector 1 - low injector side
52	input	yellow-black	direct petrol injector 1 - low ECU side
53	input	yellow-white	direct petrol injector 1 - high
54	input	blue-black	direct petrol injector 4 - low ECU side
55	output	blue	direct petrol injector 4 - low injector side
56	input	green-black	direct petrol injector 2 - low ECU side