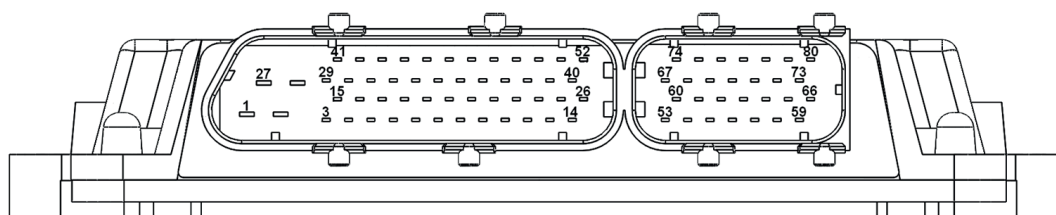


Pinout description: Controller TECH SYMBIO - 80 PIN (version 8+8)



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

Pin no.	Type	Wire color	Description
59	output	gray	direct petrol injector 8 - low injector side
60	input	yellow-white	direct petrol injector 1 - high
61	input	green-white	direct petrol injector 2 - high
62	input	red-white	direct petrol injector 3 - high
63	input	blue-white	direct petrol injector 4 - high
64	input	purple-white	direct petrol injector 6 - high
65	input	gray-white	direct petrol injector 8 - high
66	input	gray-black	direct petrol injector 8 - low ECU side
67	input	yellow-black	direct petrol injector 1 - low ECU side
68	input	green-black	direct petrol injector 2 - low ECU side
69	input	red-black	direct petrol injector 3 - low ECU side
70	input	blue-black	direct petrol injector 4 - low ECU side
71	input	orange-black	direct petrol injector 5 - low ECU side
72	input	purple-black	direct petrol injector 6 - low ECU side
73	input	brown-black	direct petrol injector 7 - low ECU side
74	output	yellow	direct petrol injector 1 - low injector side
75	output	green	direct petrol injector 2 - low injector side
76	output	red	direct petrol injector 3 - low injector side
77	output	blue	direct petrol injector 4 - low injector side
78	output	orange	direct petrol injector 5 - low injector side
79	output	purple	direct petrol injector 6 - low injector side
80	output	brown	direct petrol injector 7 - low injector side