

GCU connection	Function	Wire color	
A1	Pressure transducer	Yellow	Input [4-20 mA]
A2	Gear position Vertical / Gear position (seq.)	Blue	Input [0-5V]
A3	Ground for sensors	Black	Ground
A4	Gear output	White/Red	Output [0-5V], 200 mA
B1	Throttle position sensor	Red/Blue	Input [0-5V]
B2	N.C.		
B3	Gear position Horizontal	Green	Input [0-5V]
B4	N.C.		
C1	Up switch	White	Input [active low]
C2	Ext. Cut switch	Green/Black	
C3	Auto switch	White/Green	Input [active low]
C4	N.C.		
D1	N.C.		
D2	Clutch switch	Brown	Input [active low]
D3	Down switch	Violet	Input [active low]
D4	N.C.		
E1	N.C.		
E2	N/R switch	Brown/Red	Input [active low]
E3	Vertical valve 2	White/Grey	Output [active low]
E4	USB 5V		
F1	Shift Light	Brown/Blue	Output [active low]
F2	Clutch valve 1	Pink/White	Output [active low]
F3	Compressor relay	Pink/Green	Output [active low]
F4	USB GND		
G1	Clutch valve 2	Pink/Brown	Output [active low]
G2	Ignition cut	White/Black	Output [active low]
G3	Vertical valve 3	Grey	Output [active low]
G4	USB D+		
H1	Horizontal valve 3	Brown/Yellow	Output [active low]
H2	Horizontal valve 4	Brown/Green	Output [active low]

H3	Horizontal valve 2 / Up valve (sequential)	White/Yellow	Output [active low]
H4	USB D-		
J1	Vertical valve 1	Yellow/Grey	Output [active low]
J2	Throttle blip valve	Yellow/Pink	Output [active low]
J3	N.C.		
J4	CAN-	Grey/Green	
K1	Horizontal valve 1 / Down valve (sequential)	Brown/Grey	Output [active low]
K2	Auto LED	Green/Red	Output [active low]
K3	N.C.		
K4	CAN+	Grey/Pink	
L1	Ignition 12V	Red (0.75 mm ²)	Ignition switch
L2	12V out	Red	Max 200 mA
L3	5V supply for sensors	Pink	Max 100 mA
L4	N.C.		
M1	Battery -	Black or Blue (0.75 mm ²)	
M2	Coil supply OUT	Yellow/Green (1.5 mm ²)	
M3	Coil supply IN	Yellow/Green (1.5 mm ²)	
M4	Tachometer	Yellow/Blue	Input [0-20V]

Notes:

1. Input [active low] means that switch is activated with ground applied to the input.
2. Output [active low] means that when active, output is switched to ground so when you wire the valve, one wire needs to be 12V from L1 (ignition switch - not directly to battery!) and the second wire to this output.