

GCU	Function	Wire color	Note
A1	Pressure transducer	Yellow	Input [0-5V]
A2	Gear position for sequential gearbox or Gear position Vertical for H pattern	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	DBW PPS2 OUT	Yellow/Red	Output [0-5V]
B3	Strain Gauge Voltage for sequential gearbox or Gear position Horizontal for H pattern	Green	Input [0-5V]
B4	DBW PPS1 IN	Yellow/Black	Input [0-5V]
C1	Up paddle switch	White	Input [active low]
C2	Ext. Cut switch / Brake Switch / Reverse Switch	Green/Black	Input [active low]
C3	Auto switch	White/Green	Input [active low]
C4	DBW PPS2 IN	Brown/Black	Input [0-5V]
D1	N.C.		
D2	Clutch switch	Brown	Input [active low]
D3	Down paddle switch	Violet	Input [active low]
D4	DBW PPS1 OUT	White/Blue	Output [0-5V]
E1	N.C.		
E2	N/R switch	Brown/Red	Input [active low]
E3	Vertical valve 2 for H pattern	White/Grey	Output [active low]
E4	N.C.		
F1	Shift Light	Brown/Blue	Output [active low]
F2	Reverse valve	White/Pink	Output [active low]
F3	Compressor relay	Pink/Green	Output [active low]
F4	N.C.		
G1	Auto Launch	Pink/Brown	Output [active low]
G2	Ignition cut	White/Black	Output [active low]
G3	Vertical valve 3 for H pattern	Grey	Output [active low]
G4	N.C.		
H1	Horizontal valve 3 for H pattern	Yellow/Brown	Output [active low]
H2	Horizontal valve 4 for H pattern	Brown/Green	Output [active low]
H3	Up valve output for sequential gearbox or Horizontal valve 2 for H pattern	White/Yellow	Output [active low]
H4	N.C.		
J1	Vertical valve 1 for H pattern	Yellow/Grey	Output [active low]
J2	Throttle blip valve	Yellow/Pink	Output [active low]
J3	Vertical valve 4 for H pattern	Green/Blue	Output [active low]
J4	CAN-	Grey/Green	
K1	Down valve for sequential gearbox or Horizontal valve 1 for H pattern	Grey/Brown	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	N.C.	N.C.	
L3	5V supply for sensors	Pink	Max 100 mA
L4	N.C.		
M1	Battery -	Black (0.75 mm ²)	
M2	Coil supply OUT	Yellow/Green (1.5 mm ²)	12V output
M3	Coil supply IN	Yellow/Green (1.5 mm ²)	12V input
M4	Tachometer (RPM)	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 and fused - not directly to battery!) and the second wire to this output.