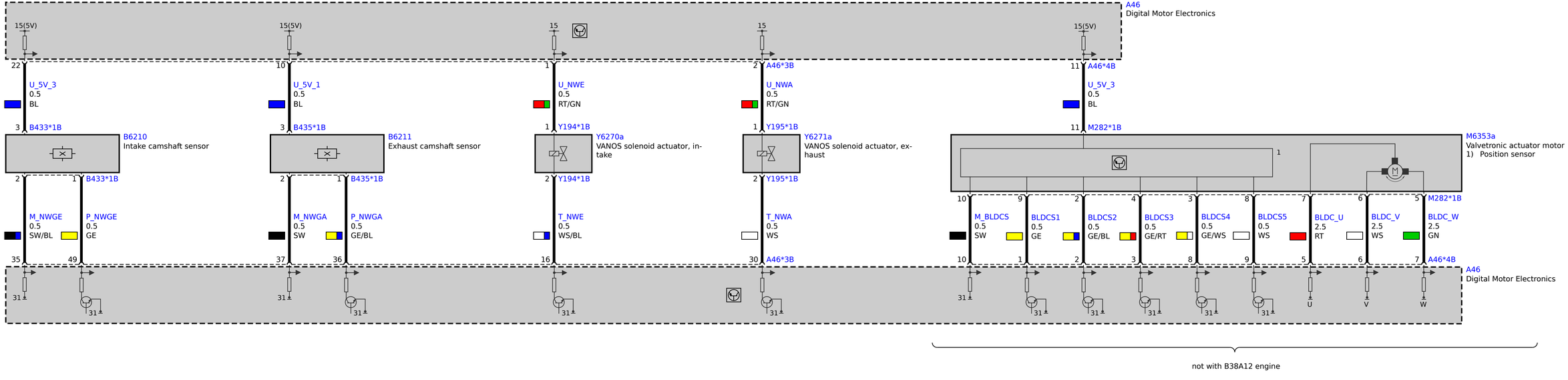
A46
Digital Motor Electronics
15(5V)
15(5V)
15
15
15(5V)
22
10
1
2
11
U_5V_3
0.5
BL
U_5V_1
0.5
BL
U_NWE
0.5
RT/GN
A46*3B
U_NWA
0.5
RT/GN
A46*4B
U_5V_3
0.5
BL
3
3
1
1
11
B433*1B
B435*1B
Y194*1B
Y195*1B
M282*1B
B6210
Intake camshaft sensor
B6211
Exhaust camshaft sensor
Y6270a
VANOS solenoid actuator, intake
Y6271a
VANOS solenoid actuator, exhaust
M6353a
Valvetronic actuator motor
1) Position sensor
1
2
1
2
1
2
1
2
10
9
2
4
3
8
7
6
5
B433*1B
B435*1B
Y194*1B
Y195*1B
M282*1B
M_NWGE
0.5
SW/BL
P_NWGE
0.5
GE
M_NWGA
0.5
SW
P_NWGA
0.5
GE/BL
T_NWE
0.5
WS/BL
T_NWA
0.5
WS
M_BLDCS
0.5
SW
BLDCS1
0.5
GE
BLDCS2
0.5
GE/BL
BLDCS3
0.5
GE/RT
BLDCS4
0.5
GE/WS
BLDCS5
0.5
WS
BLDC_U
2.5
RT
BLDC_V
2.5
WS
BLDC_W
2.5
GN
35
49
37
36
16
30
10
1
2
3
8
9
5
6
7
A46*3B
A46*4B
31
31
31
31
31
31
31
31
31
31
31
31
31
U
V
W
A46
Digital Motor Electronics
not with B38A12 engine