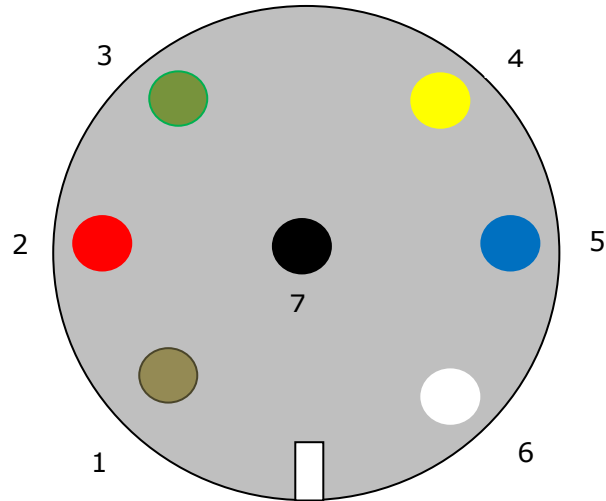Cable End Female 7-pin (Standard)
Brown = motor drive
Red = +vdc
Green = wheel pulse
 4. Yellow = motor drive
 5. Blue = motor encoder
 6. White = motor encoder
 7. Black = -vdc

Cable End Male 7-pin (Standard)
1.   Brown = motor drive
2. Red = +vdc
3. Green = wheel pulse
4. Yellow = motor drive 1
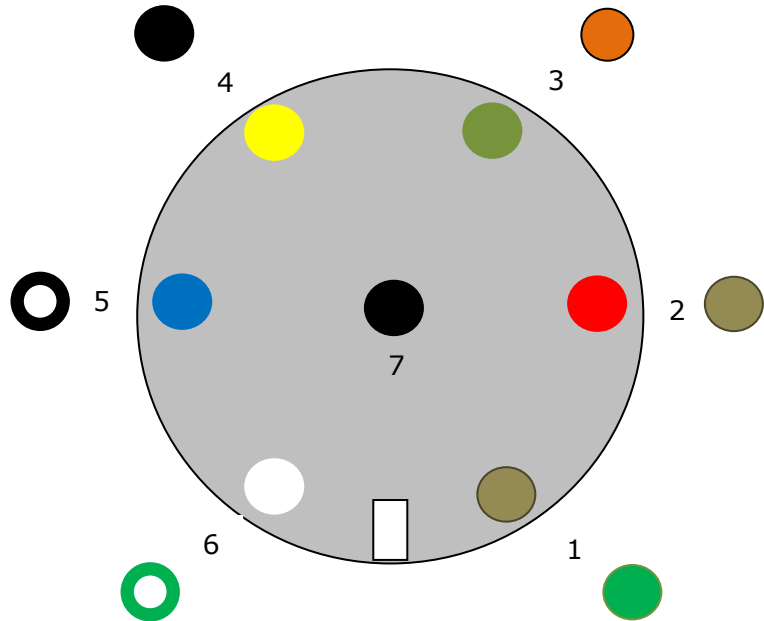5. Blue = motor encoder 2
6. White = motor encoder
7. Black = -vdc

Diagrams viewed from the rear

Cable End Male 7-pin (Shielded Cable)
1. Green = motor drive
2. Brown = +vdc
3. Orange = wheel pulse
4. Black = motor drive 1
5. Black/White = motor encoder 2
6. Green/White = motor encoder
7. Orange/White, Blue, Guard (Silver) = -vdc (All connected to the centre 7 position)

+ 7 on shielded cable

Cable End Male 4-pin (Standard)
Brown =+vdc
Yellow/Green = motor drive
Grey = motor encoder
Black = -vdc

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