

## Stepper motor cable for the Seletek family



Fortunately SubD-9 connectors include numbering making it easier to avoid any mistakes; please check the numbering using a magnifier if needed.



The motor always has a male connector, so our cable will have a female one there. The controller side, depending on port and version of the controller, may be male or female, being female (so male for our cable) the most common.

So, if the resulting cable is male / female, the wiring is straight: pin 1 to 1, 2 to 2... 9 to 9  
If the cable is female / female, the wiring is crossed: pin 1 to 5, 2 to 4... then 6 to 9, 7 to 8...

... for powering a motor only the 1 to 5 pins are used, so the second row (6 to 9) need not be wired.

In any case the shell (outer metal part of the connector) must be connected as it is used for the common ground.

Last, if you're going to add a temperature sensor to the cable (separate instructions) bear in mind:

- the sensor must be always connected to the MAIN port of any controller, else it will be damaged
- any pin used by the sensor needs not be routed to the motor part of the cable

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