

HV and UHV stepper motors with mounted connectors

If Stepper Motors are ordered with the option

- 672-Plug09UHV
- 672-Plug09PEEK
- 672-Plug09HV

the wiring on the 9- pin Sub-D connector is done as follows:

	Air side pin Nr	Vacuum side pin Nr.
Ground	1	5
Phase 1 (yellow)	2	4
Phase 2 (blue)	3	3
	4	2
Thermocouple (+)	5	1
Phase 1 (red)	6	9
Phase 2 (green)	7	8
	8	7
Thermocouple (-)	9	6

Pins 1-5 are in upper row, pins 6-9 are lower row.

On air side connectors and HV connectors, the pin numbers are shown on the connectors.

The colour marks on the wires are removed, as these marks are not vacuum compatible.

Thermocouple is standard for UHV motors, for all other types it is optional (internal or external)

Cables to the non-used pins can be added, the PEEK and UHV connectors have to be opened, on HV connectors the crimp pins can be plugged in from the back direct.