

Pin Diagram - DB15 Connector

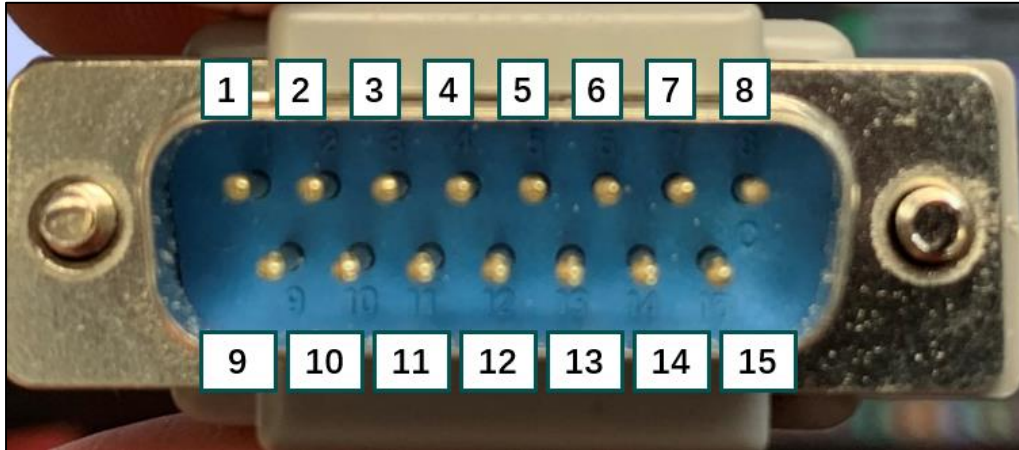


Figure 1: Male DB15 Connector pin numbering.

DB-15 Pin	Function	Notes
1,2,3	Output +	Connected to either side of the heating element in standard stage/plate/chucks, positive TEC terminal in TS Models
9,10,11	Output -	Connected to either side of the heating element in standard stage/plate/chucks, negative TEC terminal in TS Models
7	RTD Sensor +	Typically connected to Pin 8
8	RTD Drive Current +	Typically connected to Pin 7
14	RTD Sensor -	Typically connected to Pin 15
15	RTD Drive Current -	Typically connected to Pin 14
6	GND (RTD twisted pair shielding)	GND pin should be connected to twisted pair shielding and stage/plate/chuck chassis
5	Protection RTD +	NC for standard stages, RTD+ for TEC and AC stages/plates/chucks
13	Protection RTD -	NC for standard stages, RTD- for TEC and AC stages/plates/chucks
4,12	N/C (Do not connect)	Pins 4 and 12 are used for internal EEPROM memory in most stage/plate/chuck models made after 2021