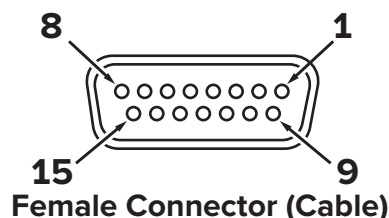
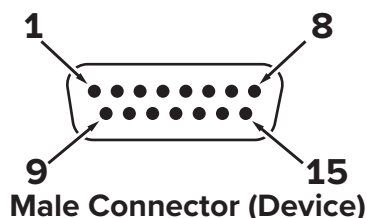


DB-15 Controllers Summarized Standard Pinouts

Always identify proper wiring via continuity check & color when using multi-strand cables.

The calibration certificate for the device should be used as the definitive reference for custom wiring options.



DB15 ALL CONTROLLERS									
Pin	DB15	DB15A	DB15B	DB15H	DB15K	DB15O	DB15S	DB15U	DB15Y
1	Ground	Ground	Ground	NC	NC	Ground	Ground	NC	Ground
2	Analog Out	Analog Out	Analog Out	Rx or B (+)	Analog Out	NC or Current Out	Analog Out	NC	Analog Out 2
3	Ground	Analog In	Ground	NC	NC	Ground	NC	NC	Tx or A (-)
4	NC	Ground	NC	NC	NC	Analog Out	NC	Power In	Power In
5	Power In	Ground	Power In	Ground	Ground	Power In	Ground	NC	NC
6	NC	Ground	NC	Analog Out	NC	NC	NC	Analog Out	Analog Out
7	NC	Power In	NC	Ground	Power In	Analog In	NC	Ground	Ground
8	Analog In	Tx or A (-)	Analog In	NC	Analog In	NC	Analog In	NC	Ground
9	Ground	Ground	Ground	NC	Analog Out 2	Ground	Ground	Rx or B (+)	NC
10	Ground	NC	Ground	Analog Out 2	NC	Ground	Ground	Tx or A (-)	Rx or B (+)
11	Analog Out 2	NC	Analog Out 2	Power In	Ground	Analog Out 2	Analog Out 2	Ground	NC
12	NC	Analog Out 2	NC	Ground	Ground	NC	Rx or B (+)	NC	NC
13	Rx or B (+)	NC	NC	NC	Rx or B (+)	NC	Power In	Ground	Ground
14	Ground	NC	Rx or B (+)	Analog In	Tx or A (-)	Rx or B (+)	Tx or A (-)	NC	Ground
15	Tx or A (-)	Rx or B (+)	Tx or A (-)	Tx or A (-)	Ground	Tx or A (-)	Ground	Analog In	Analog In

Note: Do not connect RS-485 to RS-232 units or cables. Damage will occur. Check part number or contact factory to verify RS-485 functionality.

Key of Terms:

Analog In

Remote tare (ground to tare)

Analog Out

0–5 Vdc output signal

(1–5, 0–10 Vdc optional)

Analog Out 2

5.12 Vdc or optional secondary analog output

Current Out

4–20 mA analog output signal

NC

Not connected

Power In

(+Vdc)

RX or A

Serial RS-232RX or RS-485 A

TX or B

Serial RS-232TX or RS-485 B

Ground

Common for power, digital communications, analog signals, alarms