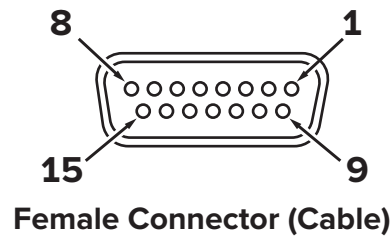
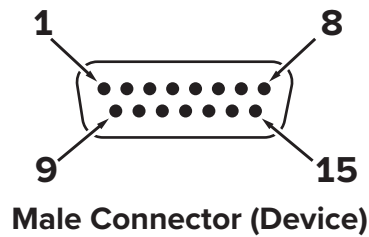


## DB15A Standard Pinout

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.



PIN	DB15A CONTROLLER
1	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
2	<b>Analog Out:</b> 0–5 Vdc output signal. <i>Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA</i>
3	<b>Analog In:</b> 0–5 Vdc analog DC input defining the setpoint. <i>Optional: 1–5 Vdc, 0–10 Vdc, or 4–20 mA</i>
4	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
5	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
6	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
7	<b>Power In:</b> Powers the device, see the specification sheet for details.
8	<b>Tx or A (–):</b> Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
9	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
10	<b>NC:</b> This pin is not connected to the device.
11	<b>NC:</b> This pin is not connected to the device.
12	<b>Analog Out 2:</b> Static 5.12 Vdc. <i>Optional: Analog signal to indicate another parameter (0–5 Vdc, 1–5 Vdc, 0–10 Vdc, or 4–20 mA)</i>
13	<b>NC:</b> This pin is not connected to the device.
14	<b>NC:</b> This pin is not connected to the device.
15	<b>Rx or B (+):</b> Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.

PIN	DB15A METER
1	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
2	<b>Analog Out:</b> 0–5 Vdc output signal. <i>Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA</i>
3	<b>Ground to Tare:</b> Ground this pin to tare the device.
4	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
5	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
6	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
7	<b>Power In:</b> Powers the device, see the specification sheet for details.
8	<b>Tx or A (–):</b> Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
9	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
10	<b>NC:</b> This pin is not connected to the device.
11	<b>NC:</b> This pin is not connected to the device.
12	<b>Analog Out 2:</b> Static 5.12 Vdc. <i>Optional: Analog signal to indicate another parameter (0–5 Vdc, 1–5 Vdc, 0–10 Vdc, or 4–20 mA)</i>
13	<b>NC:</b> This pin is not connected to the device.
14	<b>NC:</b> This pin is not connected to the device.
15	<b>Rx or B (+):</b> Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.

**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.