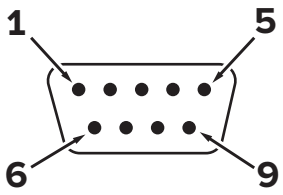
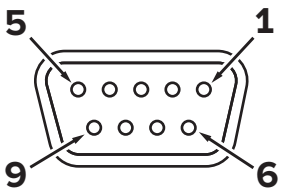
DB9N Standard Pinout

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.

ALICAT SCIENTIFIC
+1 (888) 290-6060
alicat.com/pinout



Male Connector (Device)



Female Connector (Cable)

PIN	DB9N CONTROLLER
1	**Power In:** Powers the device, see the specification sheet for details.
2	**Analog In:** 0–5 Vdc analog DC input defining the setpoint. *Optional: 1–5 Vdc, 0–10 Vdc, or 4–20 mA*
3	**Analog Out:** 0–5 Vdc output signal. *Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA*
4	**NC:** This pin is not connected to the device.
5	**Ground:** Common ground for power, digital communications, analog signals and alarms.
6	**Ground:** Common ground for power, digital communications, analog signals and alarms.
7	TRUE
8	**Rx or B (+):** Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
9	**NC:** This pin is not connected to the device.

PIN	DB9N METER
1	**Power In:** Powers the device, see the specification sheet for details.
2	**Ground to Tare:** Ground this pin to tare the device.
3	**Analog Out:** 0–5 Vdc output signal. *Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA*
4	**NC:** This pin is not connected to the device.
5	**Ground:** Common ground for power, digital communications, analog signals and alarms.
6	**Ground:** Common ground for power, digital communications, analog signals and alarms.
7	**Rx or B (+):** Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
8	**Tx or A (–):** Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
9	**NC:** This pin is not connected to the device.

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.