

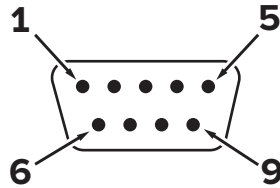
DB9MX Standard Pinout

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

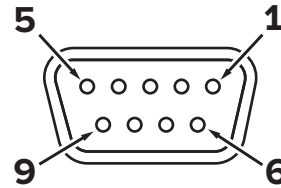
The calibration certificate for the device should be used as the definitive reference for custom wiring options.



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



Male Connector (Device)



Female Connector (Cable)

PIN	DB9MX CONTROLLER
1	Ground: Common ground for power, digital communications, analog signals and alarms.
2	Ground: Common ground for power, digital communications, analog signals and alarms.
3	Power In: Powers the device, see the specification sheet for details.
4	Analog Out 2: 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>
5	Analog In: 0–5 Vdc analog DC input defining the setpoint. <i>Optional: 1–5 Vdc, 0–10 Vdc, or 4–20 mA</i>
6	Analog Out: 0–5 Vdc output signal. <i>Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA</i>
7	NC: This pin is not connected to the device.
8	Rx or B (+): Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
9	Tx or A (–): Sends RS-232 (Tx) or RS-485 A (–) signals from the device.

PIN	DB9MX METER
1	Ground: Common ground for power, digital communications, analog signals and alarms.
2	Ground: Common ground for power, digital communications, analog signals and alarms.
3	Power In: Powers the device, see the specification sheet for details.
4	Analog Out 2: 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>
5	Ground to Tare: Ground this pin to tare the device.
6	Analog Out: 0–5 Vdc output signal. <i>Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA</i>
7	NC: This pin is not connected to the device.
8	Rx or B (+): Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
9	Tx or A (–): Sends RS-232 (Tx) or RS-485 A (–) signals from 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.