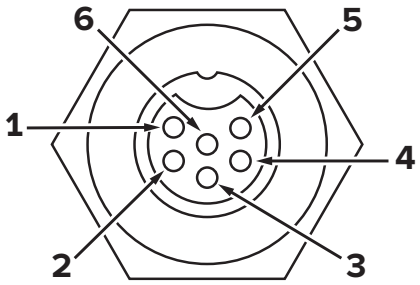
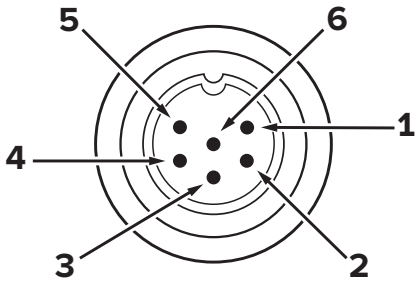
6-pin Locking Industrial Connector Standard Pinout

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



Female Connector (Device)



Male Connector (Cable)

PIN	6-PIN LOCKING INDUSTRIAL CONNECTOR CONTROLLER
1	**Power In:** Powers the device, see the specification sheet for details.
2	**Tx or A (–):** Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
3	**Rx or B (+):** Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
4	**Analog In:** 0–5 Vdc analog DC input defining the setpoint. *Optional: 1–5 Vdc, 0–10 Vdc, or 4–20 mA*
5	**Ground:** Common ground for power, digital communications, analog signals and alarms.
6	**Analog Out:** 0–5 Vdc output signal. *Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA*

PIN	6-PIN LOCKING INDUSTRIAL CONNECTOR METER
1	**Power In:** Powers the device, see the specification sheet for details.
2	**Tx or A (–):** Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
3	**Rx or B (+):** Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
4	**Ground to Tare:** Ground this pin to tare the device.
5	**Ground:** Common ground for power, digital communications, analog signals and alarms.
6	**Analog Out:** 0–5 Vdc output signal. *Optional: 1–5 Vdc, 0–10 Vdc, 4–20 mA*

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.