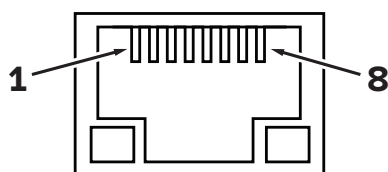
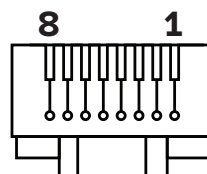


## RJ45 Standard Pinouts

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.



**Female Connector (Device)**



**Male Connector (Cable)**

PIN	8-PIN ALICAT RJ45 CONTROLLER
1	<b>Rx or B (+):</b> Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
2	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
3	<b>Analog Out:</b> 0–5 Vdc output signal. Optional: 1–5 Vdc or 4–20 mA
4	<b>Tx or A (–):</b> Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
5	<b>Power In:</b> Powers the device, see the specification sheet for details.
6	<b>Power In:</b> Powers the device, see the specification sheet for details.
7	<b>Analog In:</b> 0–5 Vdc analog DC input defining the setpoint. Optional: 1–5 Vdc, or 0–10 Vdc
8	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.

PIN	8-PIN ALICAT RJ45 METER
1	<b>Rx or B (+):</b> Receives RS-232 (Rx) or RS-485 B (+) signals to change the device's settings.
2	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.
3	<b>Analog Out:</b> 0–5 Vdc output signal. Optional: 1–5 Vdc or 4–20 mA
4	<b>Tx or A (–):</b> Sends RS-232 (Tx) or RS-485 A (–) signals from the device.
5	<b>Power In:</b> Powers the device, see the specification sheet for details.
6	<b>Power In:</b> Powers the device, see the specification sheet for details.
7	<b>Ground to Tare:</b> Ground this pin to tare the device.
8	<b>Ground:</b> Common ground for power, digital communications, analog signals and alarms.

**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.