8-Pin M12 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.

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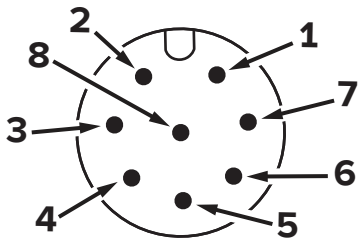
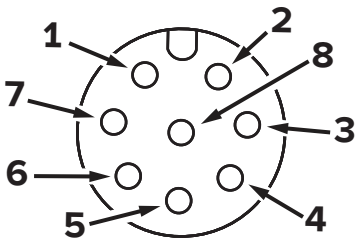


Male Connector (Device)



Female Connector (Cable)

PIN	8-PIN M12 CONTROLLER
1	**Analog Out:** *0–5 Vdc output signal. Optional: 1–5 Vdc, 0–10 Vdc*
2	**Power In:** *Powers the device, see the specification sheet for details.*
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	**Tx or A (–):** *Sends RS-232 (Tx) or RS-485 A (–) signals from the device.*
6	**Analog Out 2:** *Static 5.12 Vdc. Optional: Analog signal to indicate another parameter (0–5 Vdc, 1–5 Vdc, 0–10 Vdc, or 4–20 mA)*
7	**Ground:** *Common ground for power, digital communications, analog signals and alarms.*
8	**NC:** *Not configured for use, do not connect. Optional: 4–20 mA analog output signal.*

PIN	8-PIN M12 METER
1	**Analog Out:** *0–5 Vdc output signal. Optional: 1–5 Vdc, 0–10 Vdc*
2	**Power In:** *Powers the device, see the specification sheet for details.*
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	**Tx or A (–):** *Sends RS-232 (Tx) or RS-485 A (–) signals from the device.*
6	**Analog Out 2:** *Static 5.12 Vdc. Optional: Analog signal to indicate another parameter (0–5 Vdc, 1–5 Vdc, 0–10 Vdc, or 4–20 mA)*
7	**Ground:** *Common ground for power, digital communications, analog signals and alarms.*
8	**NC:** *Not configured for use, do not connect. Optional: 4–20 mA analog output signal.*

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.