# Pinout: 5-port Cable Splitter for Wavelet 4R

**For technical support, contact:**
**support@ayyeka.com**
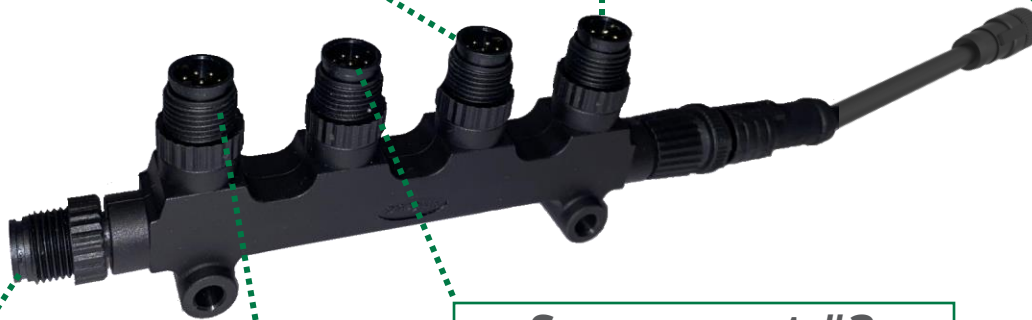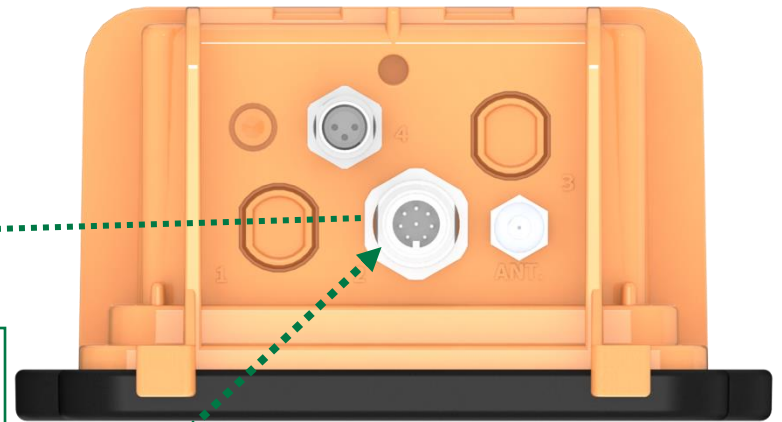**+1 (310) 876-8040 (US)**
**+1 (437) 887-9115 (CA)**

**Panel connector #2**
M12 8-pin male

**Sensor port #2**
M12 8-pin male

**Sensor port #1**
M12 8-pin male

**Connect to Wavelet**
M12 8-pin female

**Sensor port #5**
M12 8-pin male

**Sensor port #3**
M12 8-pin male

**Sensor port #4**
M12 8-pin male

November 28, 2021

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## WA4000-xx

| Pin # | Function | Description | Port #1 | Port #2 | Port #3 | Port #4 | Port #5 |
|-------|----------|-------------|---------|---------|---------|---------|---------|
| 1 | Signal | 4-20mA or 0-24V Input #1 | Pin 1 | N.C. | N.C. | N.C. | N.C. |
| 2 | Signal | PCNT_0 – pulse counting, edge, periodic, output Dry contact, open drain, 0V or 2.8V (max) | Pin 2 | Pin 2 | Pin 2 | Pin 2 | Pin 2 |
| 3 | Signal | RS485 A and RS232 RX | Pin 3 | Pin 3 | Pin 3 | Pin 3 | Pin 3 |
| 4 | Supply+ | Wavelet 12V Power Supply #1 (+) | Pin 4 | Pin 4 | Pin 4 | Pin 4 | Pin 4 |
| 5 | Signal | RS485 B and RS232 TX | Pin 5 | Pin 5 | Pin 5 | Pin 5 | Pin 5 |
| 6 | Signal | PCNT_1 – pulse counting, edge, periodic, output Dry contact, open drain, 0V or 2.8V (max) | Pin 6 | Pin 6 | Pin 6 | Pin 6 | Pin 6 |
| 7 | Signal | 4-20mA or 0-24V Input #2 | N.C. | N.C. | N.C. | N.C. | **Pin 1** |
| 8 | Common | GND | Pin 8 | Pin 8 | Pin 8 | Pin 8 | Pin 8 |

⚠ **IMPORTANT NOTES:** The RS232 TX signal line of a sensor should be connected to the pin for RS232 RX signal of the Wavelet, and the RS232 RX signal line should be connected to the pin for the RS232 TX signal line of the Wavelet.

The RS485 A signal line of a sensor should be connected to the pin for RS485 A signal of the Wavelet, and the RS485 B signal line should be connected to the pin for the RS485 B signal line of the Wavelet.

While RS232 pins are available on all ports, only one RS232 device can be connected simultaneously.

Cable Connector Pin Assignment

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