

Pinout: 4-port Analog Cable Splitter

Model WA00157

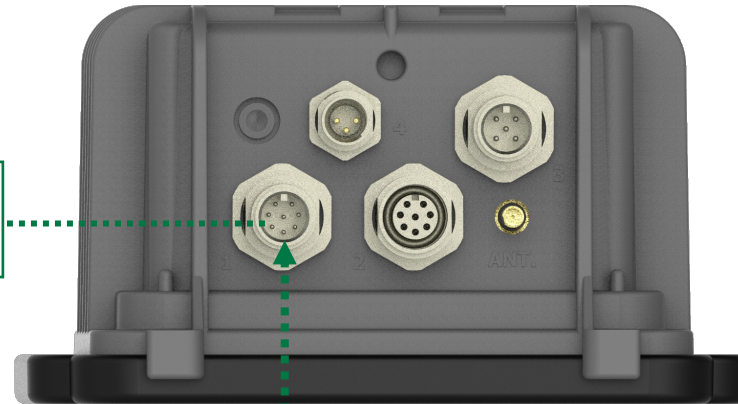
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support@ayyeka.com

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+31 (40) 209-1001 Ext. 3 (EMEA)

Panel connector #1
M12 8-pin male



Connect to Wavelet
M12 8-pin female



Sensor port #1 (P1)
M12 8-pin male



Sensor port #2 (P2)
M12 8-pin male



Sensor port #3 (P3)
M12 8-pin male



Sensor port #4 (P4)
M12 8-pin male



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Pinout: 4-port Analog Cable Splitter for Wavelet V2

WA1111-US-V2, WA1111-EU-V2, WA1111-SA-V2

Pin #	Function	Description	Port #1	Port #2	Port #3	Port #4
1	Signal	4-20mA or 0-24V Input #1	Pin 1	No Signal		
2	Signal	IO_4 – periodic or output Dry contact, open drain, 0V or 2.8V (max)	Pin 2	Pin 2	Pin 2	Pin 2
3	Supply+	Wavelet 12V Power Supply #2 (+)	Pin 3	Pin 3	Pin 3	Pin 3
4	Supply+	Wavelet 12V Power Supply #1 (+)	Pin 4	Pin 4	Pin 4	Pin 4
5	Signal	4-20mA or 0-24V Input #4	No Signal			Pin 1*
6	Signal	4-20mA or 0-24V Input #3	No Signal		Pin 1*	No Signal
7	Signal	4-20mA or 0-24V Input #2	No Signal	Pin 1*	No Signal	
8	Common	GND	Pin 8	Pin 8	Pin 8	Pin 8

IMPORTANT NOTES: the 2-port analog cable splitter can be configured for any combination of up to two (2) analog inputs, including 4-20mA, 0-20mA, 0-5V, 0-10V, 0-24V, and one digital input/output.

Make note of the two pins for power supply (+) and one pin for GND when wiring sensor inputs.

*The internal wiring of the 4-port analog splitter routes the analog signal on Pin 1 on Port #2 (P2), Port #3 (P3), and Port #4 (P4) to 4-20mA or 0-24V Input #2, 4-20mA or 0-24V Input #3, and 4-20mA or 0-24V Input #4, respectively, on the Wavelet panel connector

Cable Connector Pin Assignment

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Pinout: 4-port Analog Cable Splitter for Wavelet

WA1111-US, WA1111-EU, WA1111-SA

Pin #	Function	Description	Port #1	Port #2	Port #3	Port #4
1	Signal	4-20mA or 0-24V Input #1	Pin 1	No Signal		
2	Common	GND	Pin 2	Pin 2	Pin 2	Pin 2
3	Supply+	Wavelet 12V Power Supply #2 (+)	Pin 3	Pin 3	Pin 3	Pin 3
4	Supply+	Wavelet 12V Power Supply #1 (+)	Pin 4	Pin 4	Pin 4	Pin 4
5	Signal	4-20mA or 0-24V Input #4	No Signal			Pin 1*
6	Signal	4-20mA or 0-24V Input #3	No Signal		Pin 1*	No Signal
7	Signal	4-20mA or 0-24V Input #2	No Signal	Pin 1*	No Signal	
8	Common	GND	Pin 8	Pin 8	Pin 8	Pin 8

IMPORTANT NOTES: the 2-port analog cable splitter can be configured for any combination of up to two (2) analog inputs, including 4-20mA, 0-20mA, 0-5V, 0-10V, 0-24V, and one digital input/output.

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*The internal wiring of the 4-port analog splitter routes the analog signal on Pin 1 on Port #2 (P2), Port #3 (P3), and Port #4 (P4) to 4-20mA or 0-24V Input #2, 4-20mA or 0-24V Input #3, and 4-20mA or 0-24V Input #4, respectively, on the Wavelet panel connector

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