

Pinout: Wavelet Ex

Model#: WA3888-XX

Front view



Panel connector #4
M8 3-pin male

Panel connector #3
M12 8-pin male

Bottom view



Panel connector #1
M12 8-pin male

Panel connector #2
M12 8-pin male

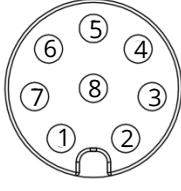

Antenna connector
SMA female

February 10, 2022

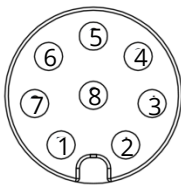

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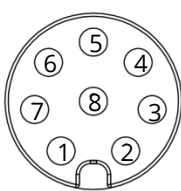

PANEL CONNECTOR #1 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-27.5V Input #1		
2	PCNT_0 – pulse counting, edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		
3	RS485 A		
4	Wavelet 12V Power Supply #1 (+)		
5	RS485 B		
6	RS232 RX		
7	RS232 TX		
8	GND		

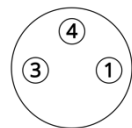

PANEL CONNECTOR #2 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-27.5V Input #2		
2	PCNT_1 – pulse counting, edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		
3	RS485 A		
4	Wavelet 12V Power Supply #2 (+)		
5	RS485 B		
6	RS232 RX		
7	RS232 TX		
8	GND		

PANEL CONNECTOR #3 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-27.5V Input #3		
2	IO_2 – edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		
3	RS485 A		
4	Wavelet 12V Power Supply #3 (+)		
5	RS485 B		
6	RS232 RX		
7	RS232 TX		
8	GND		

EXTERNAL POWER – PANEL CONNECTOR #4 – M8 3-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	6-12VDC		
3	No Connection		
4	Negative (-)		

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

NEED HELP?

For technical support please contact:

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