

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

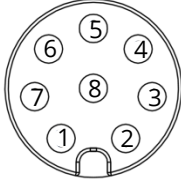

Antenna connector
SMA female

February 10, 2022

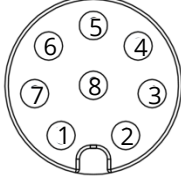

Pinout: Wavelet Ex V2

Model#: WA3888-xx-V2

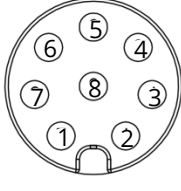

PANEL CONNECTOR #1 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-24V 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		

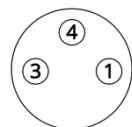

PANEL CONNECTOR #2 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-24V 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	SDI-12		
7	IO_3 – periodic or output Dry contact, open drain, 0V or 2.8V (max)		
8	GND		

PANEL CONNECTOR #3 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-24V 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	SDI-12		
7	IO_4 – edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		
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 (-)		

Pinout: Wavelet Ex V2

 **IMPORTANT NOTES:** 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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