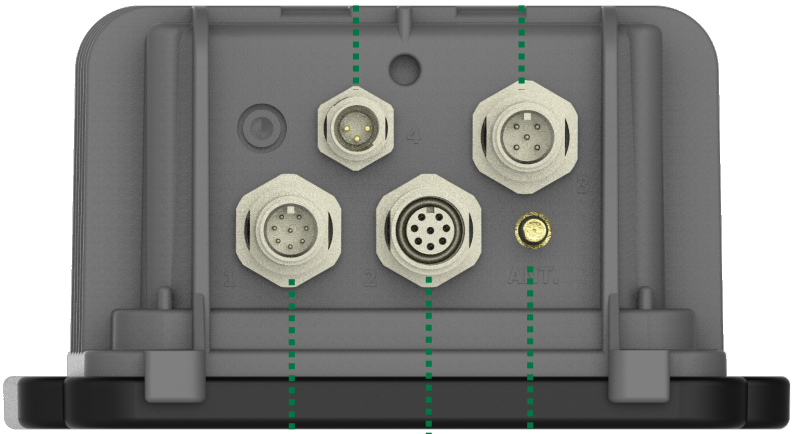
Pinout: Wavelet

Model#: WA1111-xx

Front view

Bottom view



Panel connector #4
M8 3-pin male

Panel connector #3
M12 5-pin male

Antenna connector
SMA female

Panel connector #1
M12 8-pin male

Panel connector #2
M12 8-pin female

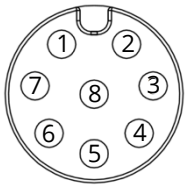
October15, 2020

Pinout: Wavelet

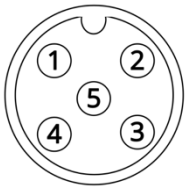
PANEL CONNECTOR #1 – M12 8-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	4-20mA or 0-27.5V Input #1		
2	GND		
3	Wavelet 12V Power Supply #2 (+)		
4	Wavelet 12V Power Supply #1 (+)		
5	4-20mA or 0-27.5V Input #4		
6	4-20mA or 0-27.5V Input #3		
7	4-20mA or 0-27.5V Input #2		
8	GND		

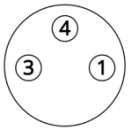
PANEL CONNECTOR #2 – M12 8-PIN FEMALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	RS232 TX		
2	Wavelet 12V Power Supply #4 (+)		
3	Wavelet 12V Power Supply #3 (+)		
4	SDI-12		
5	RS485 B		
6	RS485 A		
7	RS232 RX		
8	GND		

PANEL CONNECTOR #3 – M12 5-PIN MALE

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	PCNT_0 – pulse counting, edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		
2	GND		
3	PCNT_1 – pulse counting, edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		
4	GND		
5	IO_2 – edge, periodic, output Dry contact, open drain, 0V or 2.8V (max)		

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

Connector Pin #	Signal	Cable Connector Pin Assignment	
		Front	Back
1	6-24VDC		
3	No Connection		
4	Negative (-)		

Pinout: Wavelet

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