

WiNG Sensor Data Reference Guide



Thank you for purchasing a WiNG Wireless Monitoring System.
This guide helps you better understand the data generated by WiNG sensors.

If you need further assistance, contact RLE Technologies at support@rletech.com.



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Sensor Data Fields

The following data is generated by RLE's WiNG sensors:

Sensor	Sensor Type	Data Point 1			Data Point 2			Data Point 3		
		ID Number	Data Type	Units Imperial	Units Metric	Data Type	Units Imperial	Units Metric	Data Type	Units Imperial
WING-T	1	Temperature	Deci-degrees F (°F x 10)	Deci-degrees C (°C x 10)						
WING-TH	2	Temperature	Deci-degrees F (°F x 10)	Deci-degrees C (°C x 10)	Relative Humidity	% RH	% RH	Calculated Dew Point	Degrees F	Degrees C
WING-ANLG	3	MGR: See documentation								
		BMS: % of Max Value Depending on settings, max value is 5V, 10V or 20mA	Deci - % max value (% Max value x 10)	Deci - % max value (% Max value x 10)						
WING-LD	4	Status: 0 = No issue 1 = Leak 2 = Cable Break			Current on cable Max value = 55 >5 = leak detected	uA	uA			
WING-DI	5	Status: 0 = Open 1 = Closed								
WING-THRM	6	Temperature	Deci-degrees F (°F x 10)	Deci-degrees C (°C x 10)						
WING-RTD	7	Temperature	Deci-degrees F (°F x 10)	Deci-degrees C (°C x 10)						
WING-AIR3	8	Airspeed	Deci-feet per second (ft/s x 10)	Deci-meters per second (m/s x 10)						
WING-AIR4	9	Airspeed	Deci-feet per second (ft/s x 10)	Deci-meters per second (m/s x 10)						
WING-AIR10	9	Airspeed	Deci-feet per second (ft/s x 10)	Deci-meters per second (m/s x 10)						
WING-DAP	10	Differential Pressure Signed + or -	Milli-inches of water (inches of water x 1000)	Pascals						
	11	Reserved for Future Use								
WING-CO2	12	Carbon Dioxide Concentration	Parts per million (PPM)	Parts per million (PPM)	Temperature	Deci-degrees F (°F x 10)	Deci-degrees C (°C x 10)	Relative Humidity	% RH	% RH