

Ward's DataHub Sensor Specifications

Sensor	Range	Accessory	Max. Sample Rate
Air pressure	0 to 300 kPa	Tube	25/s
Current	-1 to +1 A	Banana cables	24,000/s
Distance	0.4 to 10 m		25/s
External temp.	-25 °C to 110 °C	Ext. Temp probe	100/s
GPS	N/A		1/s
Internal temp.	-10 °C to 50 °C		100/s
Light	0 to 55,000 lux		24,000/s
Sound	56 to 93 dB		10/s
Microphone	0 to 5 V		24,000/s
pH	0 to 14 pH	pH Electrode	10/s
Relative humidity	0 to 100% RH		10/s
Universal input	0 to 5 V	Universal adapter	24,000/s
Voltage	-30 to +30 V	Banana cables	24,000/s
Low Voltage	-1000 to 1000mV		24,000/s
Colorimeter	10 - 90 % transmittance	5 Cuvette set	1/s
UV	0 to 400 mW/m2		10/s
IR temp	-70°C to 380°C		1/s
Turbidity	0 to 1000 NTU	5 Cuvette set	1/s
Thermocouple	0 to 1200	Thermocouple K probe	25/s
Barometer	300 to 1100 mB		1/s
Heart rate	0 to 200 bpm	Ear Clip	100/s
Accelerometer	-8g to +8g		100/s
Conductivity	0 to 20ms	Conductivity Electrode	10/s
Dissolved Oxygen	0 to 14 mg/l		10/s
Potassium	0.04 to 62,000 ppm	Potassium Electrode	10/s
Chloride	1.8 to 35,500 ppm	Chloride Electrode	10/s