



PT100 EXT SENSOR



- ① industrial grade temperature sensor
- ② -190°C to 260°C range (-310°F to 500°F)
- ③ up to 7 year battery life
- ④ IP65 casing
- ⑤ data transmission every 1, 2, 5, 10 minutes

monitors air, liquid, and solid surface temperature and is designed for extreme temperature sensing

Aranet PT100 EXT Sensor Datasheet

Measurements	Temperature	
Line of Sight Range	3km / 1.9mi	
Operating environment	Indoor and Outdoor use	
Transmitter power	14 dBm	
Frequency	Depends on base station instructions	
Measurement Range	-190°C to 260°C (-310°F to 500°F)	
Temperature measurement accuracy	+/- 1.0°C @ -190°C	1.8°F @ -310°F
	+/- 0.7°C @ 0°C	1.2°F @ 32°F
	+/- 1.2°C @ 260°C	2.1°F @ 500°F
Response time	±63% - 45 seconds at 1 m/s airflow	
Data Transmission	1, 2, 5, 10 minutes	
Data Protection	Data encryption	
Power options	1 AA Alkaline battery (Zn/MnO ₂) 1 AA Lithium battery (Li/FeS ₂)	
Battery life @20°C / 68°F	Up to 5 years with Alkaline battery Up to 7 years with Lithium battery	
Operating temperature	-20°C to 55°C / -4°F to 131°F with Alkaline battery -40°C to 60°C / -40°F to 140°F with Lithium battery	
Dimensions	35mmØ x 120mm / 1.4"Ø x 4.7"	
Weight	100g (3.5oz) w Alkaline battery w 1m(3.2ft) cable w PT100 probe 92g (3.2oz) w Lithium battery w 1m (3.2ft) cable w PT100 probe	
Construction	ASA Plastic Sensor, PTFE probe cable	
Probe length	1m (3.2ft)	
Protection class	IP65	
Marking	CE, FCC	
Compatible base stations	Aranet PRO (from sw v1.4)	
Included	1 AA Alkaline battery, string	

Vertrieb durch:



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