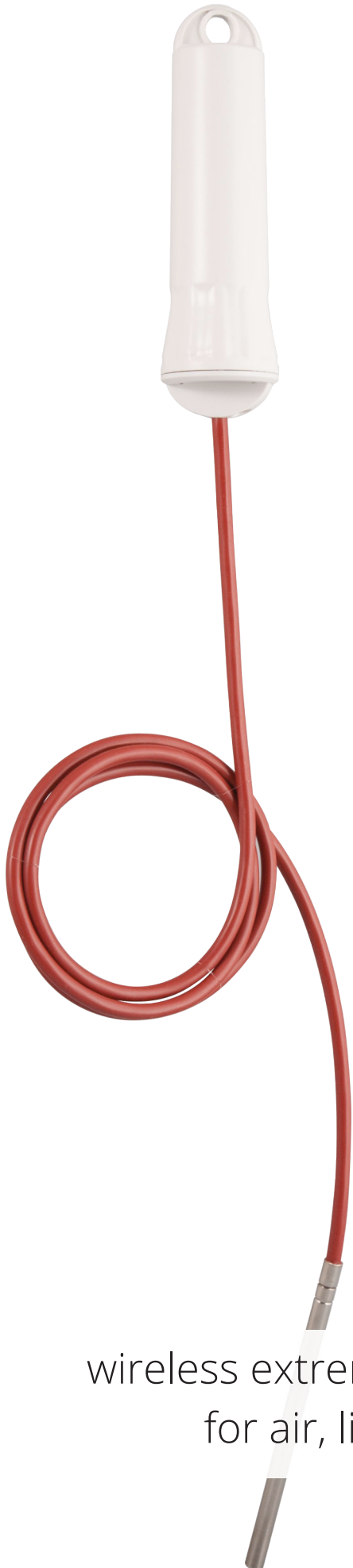


PT100 SENSOR



aranet



- ① monitors air, liquid, and solid surface temperature
- ② up to 3km / 1.9mi range
- ③ IP68, designed to endure the harshest environments
- ④ up to 10 meters of probe length
- ⑤ Temperature from -50°C (-58°F) up to 180°C (356°F)

wireless extreme temperature monitoring
for air, liquid, or solid surface.

Aranet PT100 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		
Temperature measurement range	-50°C to 180°C (-58°F to 356°F) -190°C to 260°C (-310°F to 500°F)		
Probe type	Class A PT100		
Temperature measurement accuracy	from +/- 0.7°C (1.2°F) @0°C (@32°F) to +/- 1.0°C (1.8°F) @180°C (356°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 7 years with Alkaline battery Up to 10 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		
Probe length	1m (3.2ft)		
Protection class	IP68		
Marking	CE, FCC		
Compatible base stations	Aranet PRO and Aranet MINI		
Included	1 AA Alkaline battery, string		
Part number	EU	TDSPT006.010	TDSPTE06.010
	NA	TDSPT0U6.010	TDSPTEU6.010
	RU	TDSPT0R6.010	TDSPTER6.010

* 1, 2, 5, 10 min interval supported from Aranet PRO v1.3.2 and 2, 5, 10 min from Aranet MINI v3.20.

Vertrieb durch:



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