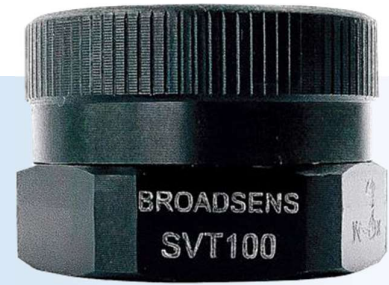




Broadsens



Wireless temperature sensor SVT100-T

SVT100-T is an ultra-low power wireless temperature sensor designed for machine condition monitoring. It has the advantages of easy installation, smooth operation and compact size. SVT100-T consists of low power wireless IC and high precision temperature sensor. Thanks to its unique low-power design, SVT100-T can work for up to 10 years without replacing the battery. Multiple SVT100-T can be used to provide temperature monitoring in multiple locations. SVT100-T wireless temperature sensor needs to be used with Broadsens's wireless gateway GU200/GU200s.

PRESENTATION

Parameters	Description
Temperature measurement range	-30 - 75 °C
Temperature measurement accuracy	±0.3 °C without calibration
Temperature measurement period	Every 10 seconds
Power consumption	Idle: 2.8uA; transmission: 9mA
Power supply	14250 replaceable battery, 1200mAh capacity. Can last up to 10 years
Wireless protocol	BLE 5.0 at 2.4GHz
FCC ID	X8WBC840M
Wireless distance	Up to 100m
Size	34mm diameter; 21mm height
Weight	25 g (including battery)
Installation	Epoxy mount or glue mount
Working environment	Temperature: -30 - 75 °C; water resistance: IP67

Monitoring Software

Monitoring software at the wireless gateway is based on Node.js's open-source architecture. It is web-based and can be accessed with all major browsers.



“Broadsens, sense the broader world”

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