

WORK TEMPERATURE RANGE	-35°C - +125°C / -31°F - +257°F
WORK HUMIDITY RANGE	±3% RH, 0-80% RH
ACCURACY	0.05°C / 41°F
PRECISION	±0.1°C between -20°C and +50°C / ±33.8°F between -4°F and 122°F
PROTECTION	IP67
TRANSMISSION INTERVAL	Adjustable from 1 second to once every 24 hours
TRANSMISSION POWER	< +10dBm
TRANSMISSION TYPE	Bluetooth mesh low energy 5.1 Crypted and safe data transmission
OPEN AIR RANGE	Max. 200m in open field (from the probe to the receiver) More when using the BTW-RP (signal extenders)
LOGGER MEMORY	100k samples
BATTERY LIFE	1 year (approx.)
RADIO FREQUENCY	2.4 Ghz-
PROTOCOL	MQTT/ModbusTcp
DIMENSIONS	8cm total height
MATERIAL	High temperature, food compatible thermoplastic
FLAMMABILITY CLASS	Flammability UL94 V0
WEIGHT	60g
APP CONTROL	Yes, mobile app
SENSORS	Digital, 1 humidity sensor and 1 temperature sensor
USE	Air humidity and temperature