Wireless Alert PRO TC

Thermocouple Temperature Limit Alert Sensor

-200 °C to +1300 °C Temperature Range

(0 °C to 200 °C with the supplied K-Type probe)

°C °F



- Thermocouple temperature limit alert sensor from the FilesThruTheAir Wireless Alert PRO range
- Configurable high and low temperature limits
- Monitor ultra-low temperature storage, boiler operation and many other applications
- Wi-Fi-connected
- Get notified and view the latest status of your device using the FilesThruTheAir app
- Receive email alerts and scheduled status reports
- Flashing alert indicator

Download the FilesThruTheAir app for free

Available on the App Store

ANDROID APP ON Google play

FilesThruTheAir's WA-PRO-TC provides alert notifications when user-selected high and low temperature limits are breached. Power this device via its USB-C socket and set it up using the free FilesThruTheAir app. Configuration options include connection to a Wi-Fi network, temperature limit selection, and notification options. Notifications can be pushed direct to your smartphone or sent by email.

Emailed scheduled summary reports detailing minimum, maximum and average temperature, power status, number of alerts, and total time spent in alert are also available. A quick look at the FilesThruTheAir app dashboard will show the alert status and last reported reading of any devices connected to your account.

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Ashford Mill, Station Road, Fordingbridge, Hampshire, SP6 1DZ, UK

Wireless Alert PRO TC

Specification

Wireless Alert PRO TC	Minimum	Typical	Maximum	Unit
Measurement Range K Type (included)	0 to +200°C (+32 to +392°F)			˚C (˚F)
Measurement Range K Type	-200 to +1300°C (-328 to +2372°F)			˚C (˚F)
Measurement Range J Type	-200 to +1190°C (-328 to +2174°F)			˚C (˚F)
Measurement Range T Type	-200 to +390°C (-328 to +734°F)			˚C (˚F)
Measurement Resolution	0.1 (0.1)			˚C (˚F)
Measurement Accuracy [1]		±1 (0 to +200) (±2 (+32 to +392))		˚C (range) (˚F (range))
Device Operating Temperature	-20 to +60°C (-4 to +140°F)			˚C (˚F)
Alert Levels	User-configurable, within measurement range stated above			
Response Time	1 minute			
Environmental Conditions	Device only: Splash resistant - IPX3			
Power Supply	USB-C 5V 1.0A			
Wi-Fi	WPA2/WPA3 Personal, WPA2 Enterprise (MSCHAP/PEAP, TTLS) - 802.11bgn (2.4GHz)			
Product Dimensions	L 61 (2.4) x W 29 (1.14) x D 13 (0.5)			mm (inches)
Probe Length	100 (3.9)			mm (inches)
Cable Length	1500 (59)			mm (inches)

What's in the Box

Part Number	Description
WA-PRO-TC	Thermocouple Limit Alert Sensor
WA-PRO-BRACKET	Mounting Bracket and Fixing Screws
WA-PRO-QSG	Quickstart guide
USB-C-2M-WHT	USB-C Cable 2m

Accessories Available

Part Number	Description
EL-SP-TC	Replacement Thermocouple Probe
PSU-5VDC-USB-INTL-WHT	Power Supply
WA-PRO-UPS [2]	UPS / Backup Battery
WA-PRO-TC CAL	Calibration Certificate

Wireless Alert PRO Range

Part Number	Description
WA-PRO-T	Wi-Fi-Connected Ambient Temperature Limit Alert (-20 °C to +60 °C)
WA-PRO-T+	Wi-Fi-Connected High-Accuracy Ambient Temperature Limit Alert (-20 °C to +60 °C)
WA-PRO-THP	Wi-Fi-Connected Temperature and Humidity Limit Alert (-30 °C to +80 °C, 0 %RH to 100 %RH)
WA-PRO-THP+	Wi-Fi-Connected High-Accuracy Temperature and Humidity Limit Alert (-30 °C to +80 °C, 0 %RH to 100 %RH)
WA-PRO-TP	Wi-Fi-Connected Temperature Limit Alert (-40 °C to +125 °C)
WA-PRO-TP+	Wi-Fi-Connected High-Accuracy Temperature Limit Alert (-40 °C to +125 °C)
WA-PRO-TC	Wi-Fi-Connected Thermocouple Temperature Limit Alert (0 °C to 200 °C with supplied K Type Thermocouple)
WA-PRO-VAC	Wi-Fi-Connected Vaccine Temperature Limit Alert (-40 °C to +125 °C)
WA-PRO-ULT [2]	Wi-Fi-Connected Ultra-Low Temperature Limit Alert (-100 °C to +100 °C with supplied T Type Thermocouple)
WA-PRO-ULT+ [2]	Wi-Fi-Connected High-Accuracy Ultra-Low Temperature Limit Alert (-100 °C to +100 °C with supplied T Type Thermocouple)
WA-PRO-420 [2]	Wi-Fi-Connected 4-20mA Limit Alert (4 mA to 20 mA)

1) Thermocouple accuracy not included. Note: Thermocouple probe tips must be kept electrically isolated. If metal sheathed probes are used, check that the sheath is isolated from the probe junction. If it is not or you are using an unsheathed probe, ensure that the probe tip is insulated.
2) Coming soon.

Specifications liable to change without prior warning.

Other Wi-Fi connected products from FilesThruTheAir™

FilesThruTheAir offer a variety of sensors and data loggers.
Visit **www.filesthrutheair.com** to find out if we have something to fit your application.