

DeltaT

Data Sheet IoT-based contact-type temperature monitoring device



Features

- Detects real-time temperature of the contact surface between -55°C and +80°C with $\pm 0.5^{\circ}\text{C}$
- Visualization of acquired data on customized dashboard
- Allows to set threshold for temperature measurement
- Alarms are sent via dashboards and email
- Wi-Fi communication technology for connectivity

Technical Specifications

Power supply	5V DC, 1A	
Wi-Fi	Band Access point	2.4 GHz
	IP Address	192.168.4.1
Connectors	5 pin pluggable connector*2	
Mounting	DIN rail/Direct mounting type	
LED	<p>Status (Sts) LED:</p> <ul style="list-style-type: none"> • Blue: No Wi-Fi connection • Green: Wi-Fi connected • Purple: Configuration mode <p>Power (Pwr) LED: Solid Red when power is supplied</p>	

Dimensions	102mm x 87mm x 28mm	
Temperature Measurement	Range	-55 °C to 80 °C
	Accuracy	± 0.5°C
	Resolution	0.5°C

Key functions

KEY	FUNCTION
-	-
RESET	Reset the device
WIFI CONFIG.	Change Device mode to Configuration mode

Abbreviations

Wi-Fi	Wireless Fidelity
Config.	Configuration User
UI	Interface Service
SSID	Set Identifier



PRECAUTIONS

Check power and voltage compatibility of the power supply before connection, as there is a risk of damaging the device.

Connection diagram

