

Product Datasheet - Technical Specifications



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Your contact

Technical and commercial sales, price information,
quotations, demo/test equipment, consulting:

Tel.: **+49 - 81 41 - 52 71-0**

FAX: **+49 - 81 41 - 52 71-129**

E-Mail: sales@meilhaus.com

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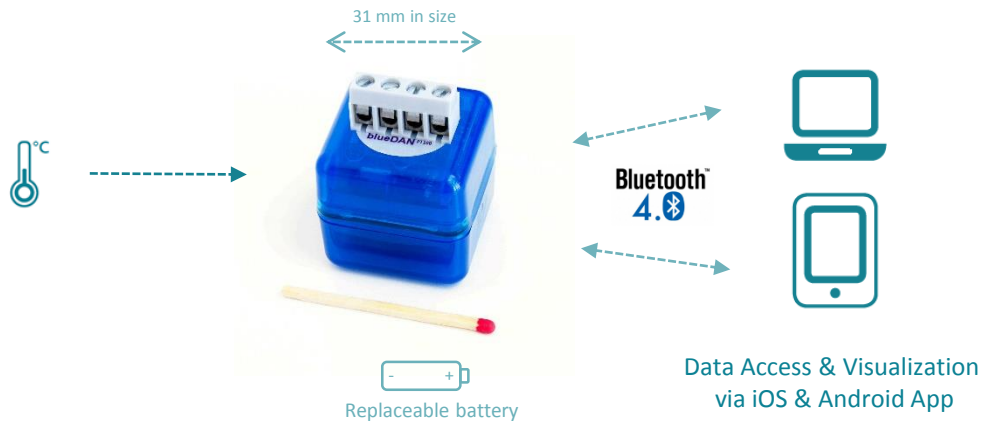
Meilhaus Electronic GmbH | Tel. **+49 - 81 41 - 52 71-0**
Am Sonnenlicht 2 | Fax **+49 - 81 41 - 52 71-129**
82239 Alling/Germany | E-Mail sales@meilhaus.com

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blueDAN Pt100_4.0

Battery powered Bluetooth 4.0 Logger for Pt100 Thermocouple



Application Areas

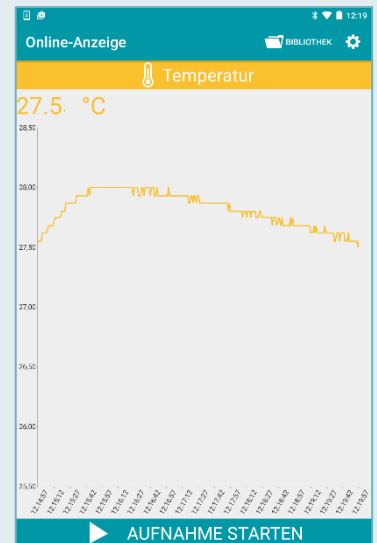
- Temperature recording and long-term control
- Food monitoring in supermarkets & restaurants
- Monitoring of devices, machines & servers
- Industry, Environmental Technology & Science

Benefits

- For 2- and 4-wire Pt100
- Easy data access via Bluetooth 4.0 LE
- Configuration with free iOS & Android App
- Battery user replaceable
- Data retention > 10 years without battery
- No running costs
- Small and sturdy

Optional

- Bluetooth 4.0 WLAN bridge for sensor data transmission to the Internet (IoT)
- OEM PCB versions
- Customer-specific versions and IP degrees of protection



blueDAN App

blueDAN Pt100_4.0

Battery powered Bluetooth 4.0 Logger for Pt100 Thermocouple

Technical Specifications

Range	-200...+550°C (Please also note sensor specifications)
Accuracy	±0.8°C
Resolution	0.1°C
Input	4-pole for 2- or 4-wire Pt100
Battery	User replaceable (Lithium ½ AA 3.6V / 1Ah) Battery life approx. 6 months
Logging Rate	Programmable (1s...24 h)
Start Delay	Adjustable (1s...6 months)
Memory	32,000 measurements Adjustable recording thresholds
Data Transfer	Bluetooth 4.0 (Bluetooth Low Energy)
Distance	10 m
Setup / Visualization	Via iOS & Android App (from iOS Version 7 / Android 4.4)
Data Format	EXCEL compatible (CSV)
Dimension / Weight	31 x 31 x 31 mm / 26 g
Rating	IP54

Subject to change

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