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EUROLEC PID TEMPERATURE PROCESS INSTRUMENTS

The C21 range of 4 digit display controllers and alarms are housed in a 1/32 DIN size panel mounting format with an IP65 rated front panel. All instruments can be powered by a 90 to 264V AC supply.

C21 Temperature Model (ref. C21TC)



- Selectable Sensor Inputs
- Excellent Stability (18 bit A to D)
- Fail Safe Protection
- °C/°F Programmable
- Auto-tune Function
- Output to Drive SSR

Options include: RS232 output; 11 to 26V DC Supply

Input Type	J	K	T	E	R & S	N	PT100 (DIN)
Range	-120 to +1000 °C	-200 to +1370 °C	-250 to +400 °C	-150 to +900 °C	0 to +1767 °C	-250 to +1300 °C	-210 to +700 °C
Typical Accuracy Over full range	Typical achievable accuracy between -50 and +200°C: ± 0.3°C Otherwise, better than ± 2°C						Better than ± 0.4°C
Resolution	0.1 below 1000 °C then auto range to 1						

BM Bench Series – Temperature Instruments

The versatile Eurolec bench mounted instruments include models to measure temperature (thermocouple and platinum sensors) with 6 way selector switch.



Common Specification for BM temperature models:

- Input selector (6 T/C; 4 PT sensors)
- Mains: 90 – 264V (47-63Hz, 5W)
- Sample rate: 5/second
- 4 digit display

Temperature Range Specification:

Model	Range	Accuracy	Sensor	Resolution
BMK	-200 to +1370°C	± 0.5 °C	Type K T/C	0.1 °C
BMT	-250 to +400°C	± 0.3°C (-50 to +200 C) ± 0.5°C (elsewhere)	Type T T/C	0.1 °C
BMPTL	-20 to +100°C	± 0.02°C ± 0.01% reading	PT1000	0.01 °C
BMPH	-210 to +700°C	± 0.4°C	PT100	0.1 °C

For details of temperature probes, please see our TH & PC Temp series data sheets: www.eurolec-instruments.com

To order options for C21TC model & BM series:

For 11-26V DC option add - **VDC** (Min. order qty applies)
 For alarm/relay output add - **ARO** (Min. order qty applies)
 For RS232 output add - **RO**

E.g. to order a type T bench unit with 11-26V DC supply, order code is: BMT-VDC

Applications Include:

Food Industry/HACCP
 Laboratory/Chemical/Pharmaceutical
 Engineering
 Environmental
 HVAC
 Maintenance/Diagnostics

Contact the sales department and ask for information on complementary instrumentation from Eurolec. E.g. Portable thermometers (contact and infrared), manometers, temperature calibration sources and multimeter temperature/pressure probes. Other parameters include %RH, air velocity, pH, light, sound, rpm. Data logging/portable options available.

Eurolec Instrumentation Ltd are continuously developing and improving their products and as such the company reserve the right to amend specifications without notice and supply products which differ from those described.