



COMARK

A Fluke Company

Comark N9002

Differential Thermometer

Compatible with thermocouple types K, N, T, J, R, S, E and B



The N9002 is an electronic differential thermometer with eight thermocouple compatibility for maximum versatility in industrial, heating, ventilating, air conditioning and refrigeration.

The N9002 is compatible with 8 thermocouple types - K, N, T, J, R, S, E and B.

As well as an overall temperature measurement capability ranging from -200°C to $+1820^{\circ}\text{C}$, it allows users to select the best thermocouple for the application.

Twin sub-miniature probe connectors also allow differential temperatures to be measured, with readings displayed in $^{\circ}\text{C}$, $^{\circ}\text{F}$ or K. It can also be used as a conventional thermometer when a single probe is connected. Comark's IP67 rated premium case adds to the instrument's versatility.

Features

- Single and Dual (Differential) Inputs
- Maximum and minimum temperature memory
- Displays temperature in $^{\circ}\text{C}$, $^{\circ}\text{F}$ and K
- Hold function to freeze displayed reading
- Calibration – BS EN 60584 thermocouples (ITS90)
- Selectable auto switch off
- Sub-miniature connector
- Dust and waterproof to IP67

Benefits

- Free certificate of conformity
- Two year warranty
- Biocote® antimicrobial protection

The Professionals' Choice

Comark N9002

Differential Thermometer



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Specifications

Sensors	Thermocouples types K, N, T, J, R, S, E, B
Connector	Sub-miniature
Measurement Range	-200°C to +1820°C depending on sensor
Thermocouple Type K	-200°C to +1372°C, -328°F to +2502°F
Thermocouple Type N	-200°C to +1300°C, -328°F to +2372°F
Thermocouple Type T	-200°C to +400°C, -328°F to +752°F
Thermocouple Type J	-200°C to +1200°C, -328°F to +2192°F
Thermocouple Type R and S	-50°C to +1767°C, -58°F to +3212°F
Thermocouple Type E	-200°C to +1000°C, -328°F to +1832°F
Thermocouple Type B	+100°C to +1820°C, +212°F to +3308°F
Calibration	BS EN 60584 thermocouples (ITS90)
Scales	°C, °F, K
Resolution	0.1° below +1000°, 1° above (autoranging)
Accuracy at	
+23°C/+73°F, full range, Type K only	<±0.1% of reading ±0.2°C/0.4°F
Operating Temperature Range	-25°C to +50°C / -13°F to +122°F
Environmental Protection	IP67 BS EN 60529 IEC 529
Battery Type	2 x IEC LR6, Size AA
Battery Life	200 hours

For a list of suitable probes and accessories, please see www.comarkinstruments.com

Warranty

All Comark instruments have a minimum one year warranty unless otherwise stated. The warranty for temperature probes is six months and all other probes are unwarranted because the conditions of use are beyond our control. The Comark Warranty covers manufacturing defects and component failure and applies worldwide. In line with our policy of continuous development, we reserve the right to alter any product specification without notice. Comark has an accredited UKAS (NIST equivalent) calibration laboratory for temperature and humidity measurement and offers full service and recalibration facilities.

Comark Instruments is committed to providing quality and affordable products to the food service industry. Our thermometers and humidity testers bring speed, accuracy and reliability to the transport, testing and storing of food under HACCP guidelines. A large variety of products, well-trained staff, and a commitment to customer satisfaction mean you can come to us for answers to all your temperature measurement needs!

BioCote®

Selected Comark thermometers, probes and data loggers have BioCote's silver technology incorporated into instrument cases and probe handles at the time of manufacture. The antimicrobial finish inhibits the growth of bacteria, reducing the risk of cross-contamination and infection in the environment. BioCote® has been officially recognised for its benefits within the food industry with HACCP International Certification. HACCP International Certification supports organisations that demonstrate food safety excellence in non-food products that are designed for, or are commonly used in, the food industry. BioCote® is the only antimicrobial solution to be awarded HACCP International Certification.

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