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Technical Infrared Thermometer PCE-IR 52

Digital thermometer / configurable temperature sensor / USB / 4 ... 20 mA / -40 ... 1000 °C / short response time

The professional infrared temperature sensor PCE-IR 52 has a 4 ... 20 mA output as well as a USB interface. The emissivity of the temperature sensor can be adjusted via the software. The temperature sensor has 15:1 optics. The power supply of the temperature sensor must be 24 V DC. The measurement range is -40 ... 1000 °C. The temperature sensor PCE-IR 52 is used to measure surface temperatures of metal, paper, food, etc.

- -20 ... 1000 °C
- USB interface
- Emissivity adjustable
- M20 connection
- Easy installation
- Short response times

Technical specifications:

Measurement range	-40 ... 1000 °C (non-metal)
Accuracy	± 1% of measured value
Emissivity	0.1 ... 1.0 adjustable
Response time	240 ms
Spectral range	8 ... 14 µm
Power supply	24 V DC
Impedance	900 ohms
Material	Stainless steel
Dimensions	25 mm x 106.5 mm w/o connection cable
Connection thread	M20
Cable length	1 m
Weight	170 g

Protection class IP65

Ambient temperature 0 ... 70 °C

Ambient humidity Max. 95 % RH

Delivery contents:

1 x temperature sensor PCE-IR 52

1 x software

1 x user manual

