

Infrared Thermometer with NiCrNi Connection

TFI 650



Technical Data

Type	TFI 650
Measuring range	-60°C ... +1500°C (-76°F ... 2,732°F)
Accuracy	±2% of measured value / ±2°C (the larger value applies)
Resolution	0.1°C (0.2°F)
Reaction time (90%)	approx. 1 s
Emmissivity factor	0.1 ... 1.0
Ratio distance-measurement spot	50:1
Probe	with SMP- or NiCrNi connection
Operating temperature	0°C ... +50°C (32°F ... 122°F)
Storage temperature	-20°C ... +65°C (-4°F ... 149°F)
Housing	ABS
Protection class	IP 20
Battery lifetime	typically 140 h
Weight incl. battery	approx. 385 g
Certificate	3 point factory calibration

TFI 650



Applications

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> • Temperature measurements up to +1500°C • Measure- and control functions in industry, trade and trade crafts | <ul style="list-style-type: none"> • Climate systems • Fast refrigerated goods checks • Laboratory | <ul style="list-style-type: none"> • Storage • Incoming goods inspection |
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Attributes

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|---|--|--|
| <ul style="list-style-type: none"> • Records the emitted, reflected and absorbed heat radiation • Optics D:S = 50:1 | <ul style="list-style-type: none"> • Double laser pointer • Switchable between °C / °F | <ul style="list-style-type: none"> • NiCrNi connection for core temperature measurement with penetration probe • Factory calibration certificate |
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Description

Infrared thermometer with NiCrNi connection

Type

TFI 650

Part No.

1340-1783

Comments

Optional external NiCrNi-probes with SMP-connection available (pages 13 - 21).