

Digital Thermometers

Electronic temperature measurement
with digital thermometers and sensors



Ludwig Schneider 

High-precision measuring instruments for
temperature and density

Digital Thermometers

Ludwig Schneider ranks among the world's foremost manufacturers of high-precision temperature and density measuring instruments.

The product program ranges from general-purpose thermometers and high-precision laboratory thermometers to precision hydro-meters and digital measuring systems.

Schneider's digital thermometers

The high-precision digital instruments are designed for the mains-independent measurement of temperatures e.g. in quality control as well as process and production control and are used in the chemical, pharmaceutical and food industry as well in R&D facilities.

On request individual marking (e.g. logos, product marks, labels etc.) is possible.

Product features

- Precise measuring
- Quick response times
- Excellent reading LCD displays
- Various type-dependent memory functions available (e.g. hold, max./min., temperature limit alarm etc.)
- All digital thermometers are available with works test certificates or DKD calibration certificates



Digital pocket thermometer

Type 12060

Measuring range: -50...+150 °C

Accuracy: ± 1 °C

With hold function

Casing: 60 x 20 mm, black

Sensor: 125 x 3.5 mm, stainless steel

Plastic sleeve, black, with clip

With battery 1 x 1.5 V (LR44 button cell)

Ref.-No. 55680



Digital pocket thermometer

Type 12050

Measuring range: -50...+150 °C

-58...+302 °F

Accuracy: ± 1 °C

Casing: 75 x 20 mm, black

Sensor: 125 x 3.5 mm, stainless steel

Plastic sleeve, black, with metal clip

With battery 1 x 1.5 V (LR44 button cell)

Ref.-No. 55685



Digital pocket thermometer

Type 12070

Measuring range: -50...+300 °C

Accuracy: $\pm 1/\pm 2$ °C (<150/>150 °C)

With hold function

Casing: 78 x 25 mm, black, adjustable

Sensor: 200 x 3.5 mm, stainless steel

Plastic sleeve, red, with metal clip

With battery 1 x 1.5 V (LR44 button cell)

Ref.-No. 55681

Digital Thermometers



Digital pocket thermometer

Type 12010

Measuring range: -50...+150 °C
-58...+302 °F

Accuracy: ± 1 °C

With hold function

Casing: 75 x 40 mm, white

Sensor: 105 x 3.5 mm, stainless steel

With cable, 450 mm, windable

With battery 1 x 1.5 V (LR44 button cell)

Ref.-No. 55679



Digital pocket thermometer

Type 12090

Measuring range: -50...+150 °C
-58...+302 °F

Accuracy: ± 1 °C

With hold function

Casing: water-proof, white,

185 x 25 mm (incl. protective sleeve)

Sensor: 85 x 3.5 mm, stainless steel

With battery 1 x 1.5 V (LR44 button cell)

Ref.-No. 55686



Digital pocket thermometer

Type 12080

Measuring range: -50...+300 °C
-58...+572 °F

Accuracy: $\pm 1/\pm 2$ °C (<150/>150 °C)

With hold and with max./min.-function,

Casing: water-proof, black,

195 x 50 mm (incl. protective sleeve)

Sensor: 85 x 3.5 mm, stainless steel

With battery 1 x 1.5 V (LR44 button cell)

Ref.-No. 55682



Digital Temperature Measuring Units



Digital temperature measuring unit

Type 12200

Measuring range: -50...+300 °C
-58...+572 °F

Accuracy: $\pm 1/\pm 2$ °C (<150/>150 °C)

With hold and with max./min.-function,
with temperature limit alarm function,
with 10 values memory function

Casing: water-proof, grey,

Dimensions: 145 x 55 mm,

Sensor: 145 x 3.5 mm, stainless steel

Cable length: 1,000 mm

Casing with cable storage

With batteries 2 x 1.5 V (AAA)

Ref.-No. 55684



Digital temperature measuring unit

Type 12100

Measuring range: -50...+150 °C
-58...+302 °F

Accuracy: ± 1 °C

With hold and with max./min.-function,
with temperature limit alarm function,
with 10 values memory function

Casing: water-proof, grey,

Dimensions: 195 x 85 mm

Sensor: 165 x 3.5 mm, stainless steel

Cable length: 1,000 mm

Integrated display light

With put-up hinge and hand strap

With batteries 3 x 1.5 V (AAA)

Ref.-No. 55683



Digital temperature measuring unit

Type 12300, for Type-K sensors (NiCr-Ni)

Range: -200...+1370 °C/-328...+2498 °F

Accuracy: ± 1 °C (-49 ...+740 °C)

± 2 °C (<-49 and >+740 °C)

With hold and with max./min.-function,
with temperature limit alarm function,
with 10 values memory function

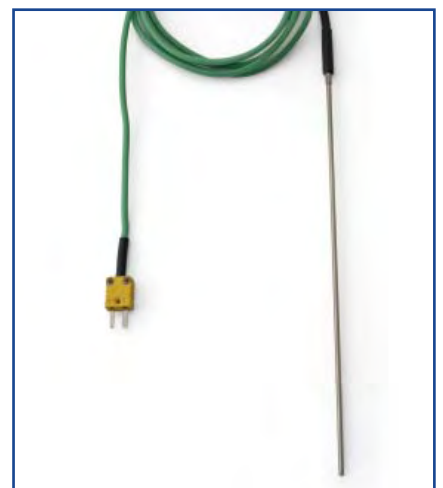
Casing: water-proof, grey,

Dimensions: 195 x 85 mm

Integrated display light, with put-up hinge

With batteries 3 x 1.5 V (AAA)

Ref.-No. 55687



*Beside this standard
sensor various further
types are available on
request.*

Ludwig Schneider 

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Thermocouple NiCr-Ni, Type K acc. to DIN EN 60584 class 1

Length: 250 mm, Cover: \varnothing 3 mm, made of Inconel 600

Extension cable: 0,22 mm², Teflon, silicone insulation,

Cable length: 2,000 mm, Mini-plug Therm 2, yellow,

Measuring range: -200...+1000 °C

Accuracy: $\pm 1,5$ °C (<+333 °C), $\pm 0,4$ % (>+333 °C)

Ref.-No. 57499