

## Digital Thermometers, Ludwig Schneider

### Digital temperature measuring units for process and quality control

They are suitable for use in the food industry.

- | Article                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Order No.   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| ① <b>Digital thermometer type 12050</b><br>Case 75 x 20 mm black, measuring range -50 to +150°C, accuracy ± 1°C, Temp. sensor (downwards) 120 x 3.5 mm made of stainless steel, with push-in tip, with plastic sleeve and clip, max/min memory, with battery 1 x 1.5 V (LR44 button cell)                                                                                                                                                                                                                                                                       | 10 16 55685 |
| ② <b>Digital thermometer type 12070</b><br>Measuring range -50 to +300°C, accuracy ±1°C to 150°C, above ±2°C, case 75 x 20 mm black, 90° rotatable, temp. sensor (downwards) 200 x 3.5 mm made of stainless steel, with push-in tip, with plastic sleeve and clip, max/min memory, with battery 1 x 1.5 V (LR44 button cell)                                                                                                                                                                                                                                    | 10 16 55681 |
| ③ <b>Digital thermometer type 13010</b><br>Case Ø 54 mm with clip and magnet, measuring range -50 to +300°C/-58 to +572°F, accuracy ±1°C to 150°C, above ±2°C, temp. sensor with 1 m cable 120 x 3.5 mm with push-in tip made of stainless steel, with battery 1 x 1.5 V (LR44 button cell)                                                                                                                                                                                                                                                                     | 10 16 54725 |
| ④ <b>Digital thermometer type 12090</b><br>Size 188 x 24 x 20 mm, waterproof IP 67, measuring range -50 to +150°C/-58 to +302°F, accuracy ±1°C, temp. sensor 85 x 3.5 mm with push-in tip made of stainless steel, with plastic sleeve in white, with hold function, with battery 1 x 1.5 V (LR44 button cell)                                                                                                                                                                                                                                                  | 10 16 55686 |
| ⑤ <b>Digital measuring instrument type 12200</b><br>Case 140 x 75 x 27 mm black, splashproof version, measuring range -50 to +300°C/-58 to +572°F, accuracy ±1°C until 150°C above ±2°C, with hold function, max/min function, temp. sensor with 1 m cable and handle 140 x 3.5 mm, with tip made of stainless steel, with battery 2 x 1.5 V AAA.                                                                                                                                                                                                               | 10 16 55684 |
| ⑥ <b>Digital measuring instrument type 13100</b><br>With 2 input channels, case 184 x 64 x 30 mm black, measuring range type K: -200 to +1370°C/-328 to +2498°F, accuracy ±0.1% +0.7°C/+1.4°F, resolution 0.1°C/0.1°F, with 9 V block battery, with bag and 1 temperature sensor type K                                                                                                                                                                                                                                                                         | 10 16 55625 |
| ⑦ <b>Digital thermometer type 13050</b><br>For simultaneous monitoring of freezer and fridge, with memory date/time, case 135 x 45 x 23 mm, case with pull-out stand and two magnets, measuring range -50 to +70°C and -58 to +158°F, resolution 0.1°C, accuracy ±1°C/±2°F, with min/max function, With 2 temperature sensors (1 m cable) attached in 2 plastic bottles filled with ethylene-glycol-water-mixture, with serial number, certified at 0°C, accuracy and conformity, with 2 x 1.5 V Alkine AAA batteries                                           | 10 16 55812 |
| ⑧ <b>Compact, digital hygro thermometer with time display type 15020</b><br><b>Fields of application:</b> food industry, chemical industry, pharmaceutical industry<br><b>Alarm hygro-thermometer</b> with min./max. memory, dimensions: 98 x 110 x 22 mm, with pull-out stand, temperature range internal: 0+50°C / 32+122°F external: -50+70°C / -58+158°F, resolution 0.1°, accuracy: ± 1°C / 2°F, external sensor with 3 m cable, moisture range: 1-99%, resolution 1%, accuracy ± 4% of 35 to 75%, otherwise ± 5%, accessories: 2 batteries 1.5 V type AAA | 10 16 58263 |
| ⑨ <b>Precision temperature data logger type 15010</b><br>Freezer thermometer with min./max. alarm memory, dimensions: 94 x 110 x 25 mm, with pull-out stand, measuring ranges internal: 0+50 °C (+32+122 °F) external: -50+70°C / -58+158°F, resolution 0.1°, accuracy: ± 0.5 °C / 1 °F, external sensor with 2 m cable, water-tight, with bottle 19.5 x 40 mm, accessories: 3 batteries 1.5 V type AA, 1 Mini USB cable 1 m long, 1 power pack 100-240 V, 1 micro SD card / USB adapter, one certificate (conformity & accuracy)                               | 10 16 58260 |



  
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### Digital thermometers type 13030

Digital min./max. alarm thermometer, display of 3 temperatures, with memory date/time, case 75 × 124 × 19 mm, measuring range -50 to +70°C / -58 to +158°F, resolution 0.1°, accuracy ±0.3°C/0.5°F, temperature sensor with 3 m cable, with min./max. alarm memory, one certificate (conformity & accuracy)

| Article                                                                                            | Order No.          |
|----------------------------------------------------------------------------------------------------|--------------------|
| ⑩ <b>Digital thermometer type 13030, calibrateable</b><br>with certificate (conformity & accuracy) | <b>10 16 55809</b> |

| Article                                                                                                                                                                                                                             | Order No.          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| ⑪ <b>Digital thermometer type 13030, with factory test certificate</b>                                                                                                                                                              | <b>10 16 59032</b> |
| <ul style="list-style-type: none"> <li>• 2-point calibration</li> <li>• External sensor with 2 test points</li> <li>• Sensor with 3 m cable, installed in 5 ml plastic bottle, filled with ethylene glycol-and-water mix</li> </ul> |                    |

| Article                                                                                                                                                                                                                                                                       | Order No.          |
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| ⑫ <b>Digital thermometer type 13030, with DAkkS calibration certificate</b>                                                                                                                                                                                                   | <b>10 16 59042</b> |
| <ul style="list-style-type: none"> <li>• 2-point calibration</li> <li>• External sensor with 2 test points</li> <li>• Sensor with 3 m cable, installed in 5 ml plastic bottle, filled with ethylene glycol-and-water mix</li> <li>• Traceable to national standard</li> </ul> |                    |

### ⑬ Digital Exact-Temp thermometers

Digital Exact-Temp min./max. bottle thermometer, measuring range -50+70°C & -58+158°F, resolution 0.1°C, accuracy: ± 0.5°C, complete with PETG bottle 30 ml with ethylene glycol-and-water mix, certified temperature -20.0°C, with individual serial number and certificate (conformity & accuracy).

| tested at | Application             | Order No.          |
|-----------|-------------------------|--------------------|
| -20°C     | controlling of freezers | <b>10 16 53891</b> |
| 0°C       | ice point               | <b>10 16 53892</b> |
| +4°C      | refrigerators           | <b>10 16 53893</b> |
| +37°C     | Incubators/water baths  | <b>10 16 53894</b> |
| +21°C     | climate chambers        | <b>10 16 53895</b> |



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