



## If just precise is not precise enough ... Digital thermometer LILLY<sub>plus</sub>

### Higher accuracies with LILLY<sub>plus</sub>

The modern battery-operated digital thermometer LILLY<sub>plus</sub> is the new flagship product from our proven and robust standard LILLY line.

With an exceptionally high accuracy of 0.1 % FS, the medium temperature is displayed precisely. Another highlight is a high-contrast graphic LC display, which allows for easy readability from large distances up to 10 m. With the degree of protection IP 65 and resistance against ambient temperatures

of -20 °C to +70 °C at a relative to 95 %, the LILLY<sub>plus</sub> can be harsh industrial environments. The thermometer is suitable for a wide range of applications, high precision at extreme ambient as an alternative for industrial thermometers.

humidity of up to 95 % can be applied even in the most demanding conditions, e.g. mercury glass thermometers.

### Industries/Applications



Chemistry



Pharma



Food



Engineering



### Features

- ◆ **High accuracy** due to extensive elimination of the sensor tolerance
- ◆ **Large graphic LC display**, readable from a distance of 10 m
- ◆ **Working without external energy** due to long-life lithium battery, replaceable by the user
- ◆ **Readjustment feasible** by the user
- ◆ **Minimum and maximum value memory** for checking the adherence of process parameters
- ◆ **Wide range of construction types** analogous to mechanical thermometers

### Standard Version

#### Case Configuration

Vertical bottom stem position, centre back stem position or with pivot/every angle, also available with cable sensor

#### Measuring Ranges

-50 / +250 °C or -100 / +500 °C

#### Accuracy

± 0.1 °C FS at 23 °C

#### Sensor

Platinum measuring resistor Pt1000 acc. to DIN EN 60 751

#### Measuring Rate

Adjustable from 2 to 60 s

#### Unit

Adjustable, °C or °F

#### Supply

3.6 V lithium battery

#### Monitoring

Battery voltage, sensor break, sensor short circuit

#### Battery Life

> 1 year