

PN 6515

Handheld waterproof thermometer
for food industry

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Description

Robust, easy-to-use and compact, PN 6515 waterproof thermometer is dedicated to temperature control of perishable food and can be used within expertise campaigns in food industry.

Two removable temperature probes are available with PN 6515, one for air and gas temperature measurements, the other for in depth measurements with penetration of the probe in frozen food for example.

PN 6515 thermometer is first intended to applications where waterproof, easy-to-clean or sanitize materials are required: spot controls of ambient temperature in climatic chambers such as shelves, cabinets trucks for frozen food; temperature measurements inside frozen food, chilled food or ice creams; temperature control of food, pharmaceuticals and others during baking, cooling or during the process.

Apart from these specific applications, PN 6515 is also suitable for standard use in repair, maintenance and regulation applications within heating, air-conditioning or energy activities.

Specifications

Specifications and performances @23°C ±1°C

Pt100: Measurement

Sensor	Range	Resolution	Accuracy / 1 year	Accuracy / 1 year Thermometer + probe
Pt100	-199.9°C to +199.9°C	0.01°C	0.1% RDG + 0.1°C	0.5°C

Accuracies are given for 3-wire mounted probes
Temperature coefficient: < 5% of accuracy /°C
Sampling time: 2 samples / s
Measuring current: 0.4 mA

General specifications

Size	182 x 75 x 43 mm
Weight	250 g
Display	LCD display, 3,000 points, 12.7 mm high Resolution: 0.1°C
Power supply	2 x 9 V batteries type 6LR61 or LF22 Battery life: > 200 h In option, rechargeable batteries with external charger Battery life: > 20 h

Environmental specifications

Reference range	23°C ±1°C (RH: 45 to 75 % w/o condensing)
Operating reference range	-30 to 50°C (RH: 20 to 80 % w/o condensing)
Limit operating range	-30°C to +50°C (RH: 45 to 80 %)
IP protection	IP65 according to EN60529

Models and accessories

Instruments:

PN6515	Waterproof handheld thermometer for Pt100

Delivered in standard with:

- User manual

Accessories:

AC6907	Charging kit, 2 x 9 V batteries + charger
ACL114	Carrying case for waterproof thermometer

Probes:

S104	Waterproof sensor for ambient temperature
S105	Waterproof penetration sensor

Certification:

QMA11EN	COFRAC certificate of calibration
	With all relevant data points where the device has been tested

Packing information:

Size	182 x 75 x 43 mm
Weight without packing	250 g