

VOLTCRAFT

VOLTCRAFT - RELIABLE AND PRECISE. SINCE 1982.

For decades, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

CE

PR-300 BTR WIRELESS PRESSURE GAUGE

Item no: 3533441

Wireless pressure gauge to measure pressure in air conditioning and refrigeration systems.

FEATURES

- Pressure measuring range -1 to 60 bar // Multi-unit pressure reading //
- High pressure and low pressure indicators //
- Mobile app integration via Bluetooth //
- 3.5 mm port for temperature clamp connection //
- Offline memory for 8000 measurement records



TECHNICAL DATA

Pressure gauge

Power supply	3x AA batteries
Battery life	approx. 100 h (with Alkaline batteries; Backlight off; LEDs on; 1-min recording interval)
Auto power off	10 minutes (configurable via mobile app)
Mobile app	Voltcraft BTR
Refrigerant types	10 types preset total of 94 available types for selection via mobile app
Alarms	High/low pressure alarms
Data record capacity	8000 records (15 bytes/record)
Data record interval	1 - 3600 s (configurable via mobile app)
Over range display	"OL"
Backlight	Yes
Temperature clamp port	3.5 mm port
Display	5.4 cm LCD display
Dimensions (W x H x D)	approx. 68 x 145 x 39 mm
Weight	approx. 250 g (without batteries)

Range and resolution

Accuracy	±0.5 % FS
----------	-----------

Range	Resolution
-1.00 to 60.00 bar	0.01 bar
-100 to 6000 kPa	1 kPa
-0.100 to 6.000 MPa	0.001 MPa
-14.5 to 870.2 psi	0.1 psi
-1.01 to 61.18 kg/cm ²	0.01 kg/cm ²
-75.0 to 4500 cmHg	0.1 cmHg
-29.5 to 1771 inHg	0.1 inHg

Bluetooth

Bluetooth version	5.0
Frequency range	2402 - 2480 MHz
Transmission power	max. 8 dBm
Transmission distance	max. 30 m

Environmental specifications

IP rating	IP54
Operating temperature	-10 to +50 °C
Storage temperature	-20 to +60 °C

Default settings

Reset the pressure gauge via the mobile app. The default settings are as follows:

High/low pressure	Low pressure
Default refrigerant	R22
Pressure unit	bar
Temperature unit	°C
Temperature display area	Evaporating temperature
Record interval	1 min
Auto-power off	On
LED indicators	On
Backlight	Off

CONTENTS

Product // 3x AA batteries // Hand strap // Carrying case // Operating instructions

This is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92242 Hirschau (www.conrad.com).

All rights including translation reserved. Reproduction by any method (e.g. photocopying, microfilming or the capture in electronic data processing systems) requires prior written approval from the editor. Reprinting, also in part, is prohibited. This publication reflects the technical status at the time of printing.

Copyright by Conrad Electronic SE.

*3533441_V2_0826_en_ds 9007202111911563 I2/O2 en