PD9502

4-20 mA / 0-10 VDC Low-Cost Signal Generator

PDA1001 USB Power Bank

PD9502 with Supplied Cables

FEATURES

- **0-20 / 4-20 mA or 0-10 / 2-10 VDC Ranges**
- **Low-Cost**
- **Simple to Use**
- **Compact Size**
- **4-Digit LED Display**
- **One-Turn Adjustment Knob**
- **+/- 0.5% +/- 1 Count Accuracy**
- **Power 15-27 VDC or USB Power Bank**

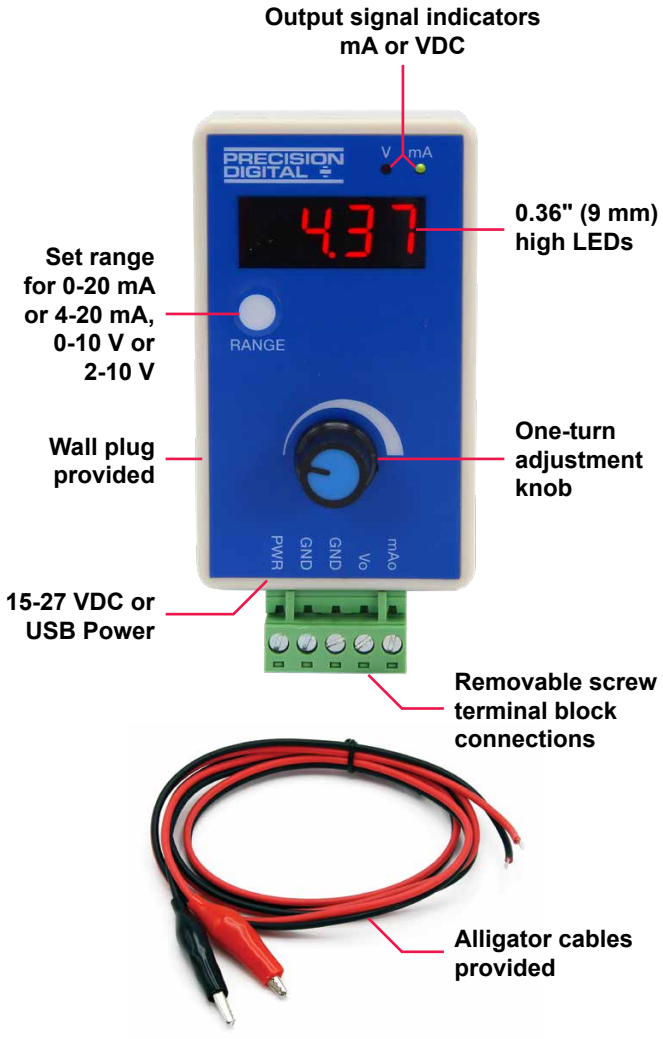
OVERVIEW

The PD9502 is a low-cost, compact, simple to use 4-20 mA or 0-10 VDC signal generator. It can easily be set for 0-20 mA, 4-20 mA, 0-10 V or 2-10 V ranges. Signal adjustment is made with a one-turn knob. A 15-27 VDC wall plug is provided with the instrument. Optional USB power bank is available.

Order from: C A Briggs Company
622 Mary Street; Suite 101; Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118
Sales@cabriggs.com - www.cabriggs.com

PD9502 4-20 mA / 0-10 VDC Low-Cost Signal Generator

PHYSICAL FEATURES



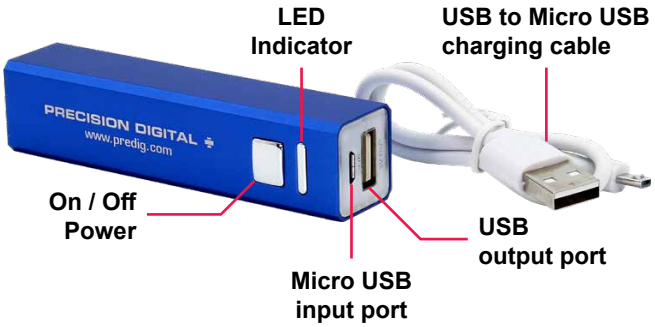
OPERATION

The output of the signal generator is determined by the light under V or mA on the face of the instrument:

V or mA Light	Light Color	Action	Output
V	Red	Flashing	2-10 VDC
V	Red	Steady	0-10 VDC
mA	Green	Flashing	4-20 mA
mA	Green	Steady	0-20 mA

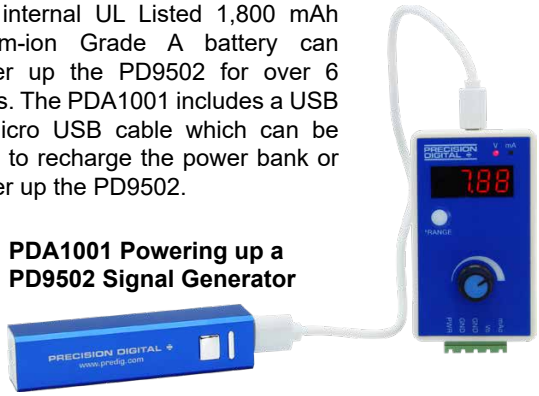
1. Connect the signal generator for desired output
2. Set Output using the Range button on face of the instrument
3. Adjust one-turn knob to desired output

PDA1001 USB POWER BANK



Overview

The PDA1001 is a portable USB power bank that can conveniently provide power to the PD9502 signal generator. The internal UL Listed 1,800 mAh lithium-ion Grade A battery can power up the PD9502 for over 6 hours. The PDA1001 includes a USB to Micro USB cable which can be used to recharge the power bank or power up the PD9502.



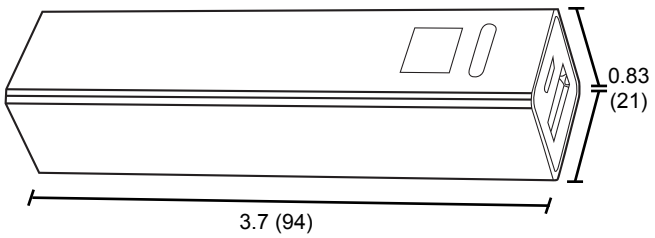
PDA1001 Powering up a PD9502 Signal Generator

Specifications

Input Power: 5 VDC / 1000 mA
Output Power: 5 VDC / 1000 mA
Battery Capacity: 6.66 Wh, 3.7 VDC / 1800 mAh
Output Capacity: 5.5 Wh, 5 VDC / 1100 mAh
Typical Power Life for Using with PD9502: +6 hours
LED indicator: Flashing red light while charging the power bank. Blue light while powering up devices.
Material: Aluminum
Dimensions: 0.83" x 0.83" x 3.7" (21 mm x 21 mm x 94 mm) (W x H x L)
Cable: USB 2.0 Type A Male to Micro USB Type B Male cable included (For charging and powering); 11.8" (30 cm) long.
Weight: 2.4 oz (68 g)

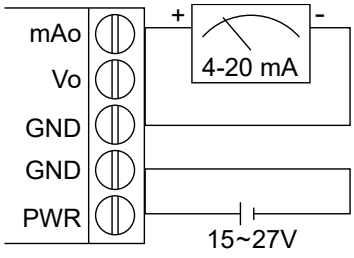
Dimensions

Units: Inches (mm)

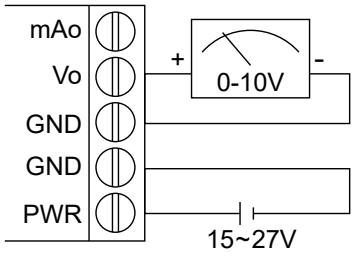


PD9502 4-20 mA / 0-10 VDC Low-Cost Signal Generator

CONNECTIONS



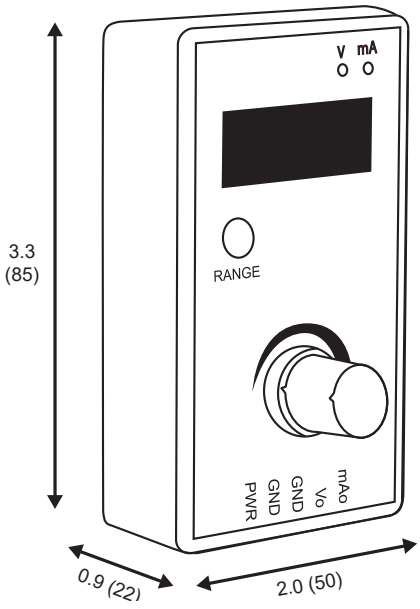
0-20 mA / 4-20 mA Output



0-10V / 2-10V Output

DIMENSIONS

Units: Inches (mm)



WARNING
Cancer and Reproductive Harm - **www.P65Warnings.ca.gov**

SPECIFICATIONS

Display: 0.36" (9 mm) high red LED
Accuracy: +/- 0.5% +/- 1 count
Operating Temperature Range: -4 to 140°F (-20 to 60°C)
Connections: Removable screw terminal block
Output Ranges: 0-20 mA, 4-20 mA, 0-10 VDC, 2-10 VDC
Power Requirement: 15-27 VDC (wall plug provided)
Loop Voltage: When powered by USB: 13.5V,
When powered by DC supply: 2 VDC less than the supply output
Output Load Impedance Requirements:
Voltage-type ≥ 2KΩ, current-type ≤ 500Ω
Overall Dimensions: 2.0" x 3.3" x 0.9"
(W x H x D) (85 mm x 50 mm x 22 mm)
Weight: 2.1 oz (60 g)

ORDERINGINFORMATION

Model	Description
PD9502	4-20 mA / 0-10 VDC Low-Cost, Compact, Signal Generator with Wall Plug

Accessories

Model	Description
PDA1001	USB Power Bank

Your Local Distributor is:

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Disclaimer

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PRECISION DIGITAL CORPORATION
233 South Street • Hopkinton MA 01748 USA • Tel (800) 343-1001
www.predig.com