



Digital Pressure Gauge, Data logger

Model: PRD-S280C



PRODUCT DESCRIPTION

▼ Supports automatic pressure data logging with adjustable intervals from 1 to 3,600 seconds

▼ Built-in large-capacity memory that stores up to 10,000 historical data entries

▼ Equipped with a Micro-B interface and dedicated software, allowing for quick export of data in xls format to a computer

PRODUCT SPECIFICATION

Connection location

Bottom mount

Bar graph

0 ... 100 %, 10 individual segments, which show 10 % steps

Nominal size

3"

Functions

On/off, zero clearing, units changing, peak-peak values (max, min), leak test, low battery warning

Scale ranges

0 ... 6 kPa to 0 ... 160 MPa, or other equivalent units of pressure, vacuum or compound

Data storage

10,000 records, cyclic logger

Accuracy

±0.2% F.S.

Data logging rate

User-selectable as 1 to 3,600 second intervals

Pressure units

kPa、psi、kgf/cm²、mbar、MPa、mmH₂O、mmHg、inH₂O、Torr

Memory

Permanent EEPROM (data can still be retained after a power outage.)

Overload capacity

≤ 10 MPa, 200% ; > 10MPa, 150%

Power supply

2 x AAA batteries, 1 year typical, power consumption <0.005W

Process connection

304 SS
1/4"、M20x1.5
G、NPT、M

Ambient temperature

-20°C ... 70°C

Case/Ring

304 SS

Medium temperature

-10°C...60°C

Window

Plastic

Accessories

2 x AAA batteries, protective case cap, carrying case, USB cable (Micro-B), USB flash drive with data logger software

Diaphragm

316L SS

Display

5 digits
LCD, switchable backlight button

IP rating

IP50 (IP54 with protective case cap)

Backlighting

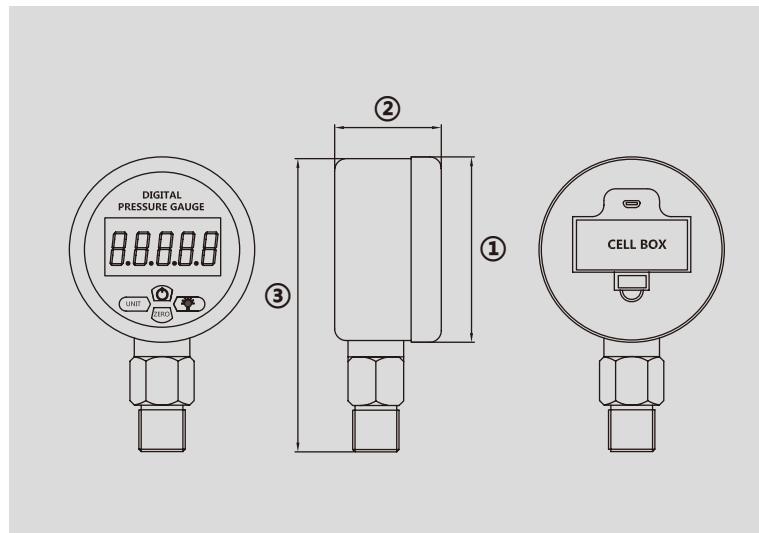
Pressing any button will activate the backlight. If there is no operation, the backlight will automatically turn off after 20 seconds.

Response time

5 times/sec

The product images displayed in the catalog are illustrative, and the actual products will be customized to your requirements.

DIMENSIONS



Dimensions (mm)			
NS	①	②	③
3"	80	46	125



Gauging your needs!

ORDERING INFORMATION

Model / Scale range / Process connection / Options

CONTACT INFORMATION

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- For any changes to the specifications of this catalogue, the latest version shall prevail. -

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