



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

Nominal size

3"

Scale ranges

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

Accuracy

±0.2% F.S.

Pressure units

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

Overload capacity

≤ 10 MPa, 200% ; > 10MPa, 150%

Process connection

304 SS
1/4 、 M20x1.5
G 、 NPT 、 M

Case/Ring

304 SS

Window

Plastic

Diaphragm

316L SS

Display

5 digits
LCD, switchable backlight button

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

Bar graph

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

Functions

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

Data storage

10,000 records, cyclic logger

Data logging rate

User-selectable as 1 to 3,600 second
intervals

Memory

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

Power supply

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

Ambient temperature

-20°C ... 70°C

Medium temperature

-10°C...60°C

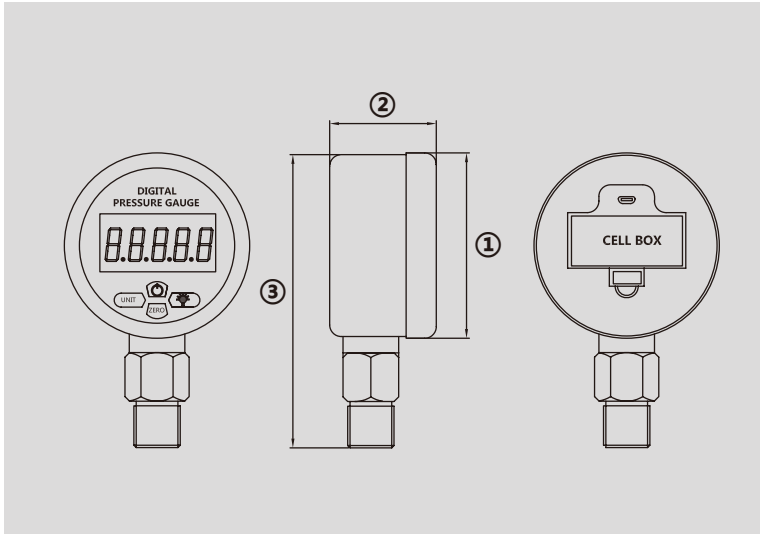
Accessories

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

IP rating

IP50 (IP54 with protective case cap)

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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