





# 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/cm<sup>2</sup> \ mbar \ MPa \  
mmH<sub>2</sub>O \ mmHg \ inH<sub>2</sub>O \ 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

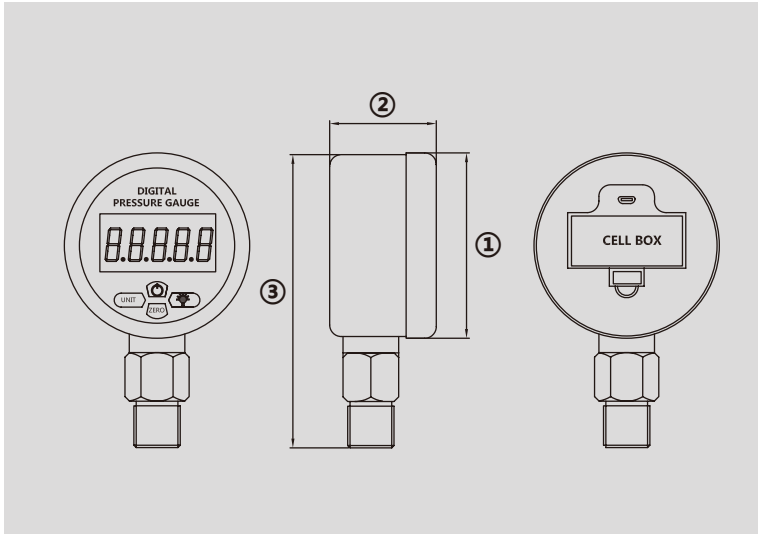
### Accessories

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 |



# rsIMMA

*Elementos For Manufacturing Purposes*



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