



Digital Pressure Gauge, Master

Model: PRD-700



PRODUCT DESCRIPTION

▼ Supports multiple pressure types (gauge, absolute, differential, compound) with ranges up to 2500 bar and accuracy options from 0.2% to 0.01%.

▼ Utilizes the same premium sensors as the UK brand "Ashford Instrumentation".

▼ Features a backlit LCD with six-digit, and data logging for up to 1600 records.

PRODUCT SPECIFICATION

Connection location

Bottom mount

Data logging

40 files, 40 data per file,
1600 records in total

Nominal size

4.5"

Communication

RS232 (Do not use the RS-232 connector in a hazardous area)

Scale ranges

0 ... 10 mbar to 2500 bar,
or other equivalent units of pressure,
vacuum or compound

Power supply

7.4V rechargeable lithium battery,
110/220V external power adapter

Pressure units

kPa, psi, kg/cm², mbar, MPa, mmH₂O,
mmHg, inH₂O, Torr

Ambient temperature

-20°C ... 60°C

Accuracy

±0.2% F.S., ±0.1% F.S., ±0.05% F.S.,
±0.025% F.S., ±0.01% F.S.

Medium temperature

0°C ... 50°C

Overpressure load

120% F.S.

Temperature Compensated

0°C ... 50°C

Process connection

316 SS
1/4, M20x1.5
G, NPT, M

Weight

0.7kg

Case/Ring

Aluminum alloy

Accessories (option)

Rubber protector, carrying case,
tube for DP models

Window

Plastic

Explosion-proof

Certification approved
(Certificate#: Exia II CT4Ga)

Diaphragm

316L SS

Display

6 digits
LCD, switchable backlight button

Response time

3 times/sec

Multifunction

Temperature display. Percentage bars
indication for visual reference. Zero
function. Peak function



Gauging your needs!

ORDERING INFORMATION

Model / Scale range / Accuracy / 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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