

DIFFERENTIAL PRESSURE GAUGES AND MANOMETERS DPG SERIES

Differential pressure gauge for HVAC applications



The DPG series differential pressure gauges are engineered for HVAC/R applications. The DPG series devices measure air and non-corrosive gas pressures (differential and positive) and provide a clear analog display of the measured values. The DPG series devices include field adjustable zero point calibration and overpressure protection.



SIMILAR PRODUCTS

- DPT-R8 series 8-range differential pressure transmitters
- MM series liquid column manometers
- MMU series U-tube manometers

APPLICATIONS

DPG series devices are commonly used in HVAC/R systems for:

- fan, blower and filter monitoring
- pressure and flow monitoring
- pressure monitoring in cleanrooms

MODEL SUMMARY

Description	Model	Product code	Measurement range (Pa)
Differential pressure gauge	DPG60	106.001.001	0–60 Pa
Differential pressure gauge	DPG100	106.002.001	0–100 Pa
Differential pressure gauge	DPG120	106.003.001	0–120 Pa
Differential pressure gauge	DPG200	106.004.001	0–200 Pa
Differential pressure gauge	DPG250	106.005.001	0–250 Pa
Differential pressure gauge	DPG300	106.006.001	0–300 Pa
Differential pressure gauge	DPG400	106.022.001	0–400 Pa
Differential pressure gauge	DPG500	106.007.001	0–500 Pa
Differential pressure gauge	DPG600	106.008.001	0–600 Pa
Differential pressure gauge	DPG800	106.009.001	0–800 Pa
Differential pressure gauge	DPG1k	106.010.001	0–1 kPa
Differential pressure gauge	DPG1,5k	106.011.001	0–1,5 kPa
Differential pressure gauge	DPG2k	106.012.001	0–2 kPa
Differential pressure gauge	DPG3k	106.013.001	0–3 kPa
Differential pressure gauge	DPG5k	106.014.001	0–5 kPa

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DPG SERIES

SPECIFICATIONS

Performance

Accuracy:

$< \pm 3 \% \text{ F.S (20 } ^\circ\text{C)}, (\text{DPG60 } < \pm 5 \%; \text{ DPG100 } < \pm 4 \%)$

Overpressure:

Burst pressure: 20 kPa

Technical specifications

Media compatibility:

Dry air or non-aggressive gases

Measuring units:

Pa

Measurement ranges:

0–60 Pa

0–100 Pa

0–120 Pa

0–200 Pa

0–250 Pa

0–300 Pa

0–400 Pa

0–500 Pa

0–600 Pa

0–800 Pa

0–1 kPa

0–1,5 kPa

0–2 kPa

0–3 kPa

0–5 kPa

Environment:

Operating temperature: $-5...+60\text{ }^\circ\text{C}$

Storage temperature: $-40...+85\text{ }^\circ\text{C}$

Physical

Case:

ABS

Cover:

PC

Membrane:

Silicone

Machinery:

Aluminum and steel spring

Unit mounting diameter:

110 mm

Weight:

234 g

Protection standard:

IP65

Conformance

Meets the requirements for:

CE: 2011/65/EU

UKCA: S.I. 2012/3032

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001 • ISO 14001



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