

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
- monitoring static pressure

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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SPECIFICATIONS

Performance

Accuracy:

< \pm 2 % F.S (20 °C), (DPG60 < \pm 4 %; DPG100 < \pm 3 %)

Overpressure:

Burst pressure: 20kPa

Technical specifications

Media compatibility:

Dry air or non-aggressive gases

Measuring units:

Measurement ranges:

0-60 Pa 0-100 Ps

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 °C Storage temperature: -40...+85 °C

Physical

Case:

ABS

Cover:

PC

Membrane:

Silicone

Machinery:

Aluminum and steel spring Unit mounting diameter

110 mm

Weight:

234 g