

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:

$< \pm 3\%$ F.S (20 °C), (DPG60 $< \pm 5\%$; 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 °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

Protection standard:

IP65

Conformance

Meets the requirements for:

CE: 2011/65/EU

UKCA: S.I. 2012/3032



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