# Differential pressure gauge Model A2G-10

WIKA data sheet PM 07.40



# **Applications**

- For dry, clean, non-aggressive gases, usually air
- Fan and blower monitoring
- Differential pressure monitoring in filters
- Overpressure monitoring in cleanrooms
- For very low pressures

# **Special features**

- Zero adjustment in front
- Red mark pointer
- Simple mounting and dismounting
- Two-part construction (measuring element and case)
- Optional version with additional electrical output signal (model A2G-15)



### Differential pressure gauge model A2G-10

# **Description**

### Design

Per EN 837-3 and ventilation and air-conditioning (VAC) regulations

# Nominal size in mm

110

# **Accuracy class**

3.0

### Scale ranges

0 ... 50 Pa to 0 ... 12500 Pa -25 ... +25 Pa to -1500 ... +1500 Pa further plus/minus ranges on request

### **Pressure limitation**

Steady: full scale value Fluctuating: full scale value

### Overpressure safety

20 kPa

# Max. working pressure (static pressure)

20 kPa

### Permissible temperature

Ambient: -30 ... +80 °C Medium: -16 ... +50 °C

### Temperature effect

When the temperature of the measuring system deviates from the reference temperature ( $\pm$ 20 °C): max.  $\pm$ 0.5 %/10 K of full scale value

#### Ingress protection

IP 54 per EN 60529 / IEC 529

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# Standard version

### **Process connection**

Plastic,

lower mount (LM) or back mount G 1/8 (female, in case) for hose connector Hose connection inner diameter 4 or 6 mm

Standard accessories

- 3 mounting screws
- Straight or angled threaded pressure connection G 1/8 for inner diameter 4 or 6 mm

# Separating diaphragm

Silicone

#### Movement

Contact-free transmission

#### Dial

Aluminium, scale angle 90°

### Pointer and mark pointer

Plastic

### Case

Plastic,

Basic case, case for panel/wall mounting and ring

#### Window

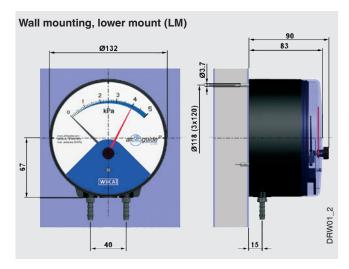
Makrolon

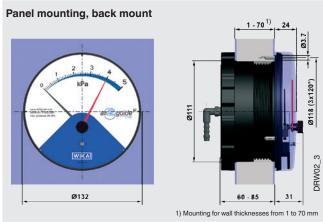
# **Options**

- Ingress protection IP 65
- Internationally recognised traceable calibration certificate
- Measuring hose PVC or silicone, inner diameter 4 or 6 mm, length 25 m
- 2 duct connectors
- Output signal 4 ... 20 mA, 2-wire, power supply DC 14 V or output signal 0 ... 10 V, 3-wire, power supply DC 15 V (see data sheet PV 17.40)
- Without case

### **Dimensions in mm**

Standard version





# Ordering information

Model / Connection location / Wall mounting or panel mounting / Inner diameter of the threaded pressure connection / Scale range / Options

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WIKA Alexander Wiegand SE & Co. KG

Alexander-Wiegand-Straße 30 63911 Klingenberg/Germany Tel. (+49) 9372/132-0 Fax (+49) 9372/132-406

E-mail info@wika.de www.wika.de