



DIGITAL MANOMETER for over/under pressure or pressure difference

GDH 200 - 07

0.00 to 19.99 / 199.9 mbar (± 199.9 mbar)

Device ready for use incl. battery

Functions:

- Autorange
- Excellent zero point stabilisation
- Manual slope adjustment
- 4 selectable measuring units: Pa, mbar, mmHg, PSI
- automatic off-function: 1 ... 120 Min

Specification:

Measuring range:

0.00 ... 19.99 resp. 20.0 ... 199.9 mbar (hPa)

0.00 ... 19.99 resp. 20.0 ... 150.0 mmHg

0.000 ... 1.999 PSI / 0 ... 1999 Pa

Resolution: automatic change 0.1 / 0.01

Overload: max. 500 mbar

Accuracy: (at nominal temperature and automatic Zero point-adjustment)

Measuring range: up to 200 mbar

± 0.2 % f.s. hysteresis and linearity

± 0.4 % f.s. temperature drift from 0 to 50°C

Measuring range: up to 20 mbar

± 1 % f.s. hysteresis and linearity

± 2 % f.s. temperature drift from 0 to 50°C

Sensor: piezoresistive relative pressure sensor

Pressure connection: 2 pressure port sockets made of nickel-plated brass, for flexible pressure tubings 6x1mm (4mm inner-diameter), approx. 11mm protrusive.

Nominal temperature: 25°C

Working temperature: -25 to 50 °C

Display: 3½ digit LCD display, approx. 13 mm high

Pushbuttons: 3 membrane keys

Power supply: 9V battery type JEC 6 F 22 (included)

Power consumption: approx. 250 μ A (= 1200 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS plastic housing

Dimensions: approx. 106 x 67 x 30 mm (H x W x D) without pressure port sockets

Weight: approx. 135 g (incl. battery)

Auto-Off-Function: 1...120min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Tare function: Display value and min-/max value are set to null.

Tubes, clamps, adapters, accessories, etc. p.r.t. pages 22, 23, 38



DIGITAL-VAKUUM-/BAROMETER for absolute pressure

GDH 200 - 12

0 to 1300 mbar abs.

Device ready for use incl. battery

Functions:

- Manual slope and offset adjustment
- Sea level-adjustment possible
- 2 selectable measuring units: mbar, mmHg
- automatic off-function: 1 ... 120 Min

Specification:

Measuring range:

0 ... 1300 mbar (hPa) abs.

0 ... 975 mmHg abs.

Max. overload: 2000 mbar resp. 1500 mmHg

Accuracy: (at nominal temperature)

± 0.25 % f.s. hysteresis and linearity

± 0.5 % f.s. temperature drift from 0 to 50°C

Sensor: piezoresistive absolute pressure sensor

Pressure connection: pressure port socket made of nickel-plated brass, for flexible pressure tubings 6x1mm (4mm inner-diameter), approx. 11mm protrusive.

Nominal temperature: 25°C

Working temperature: -25 to 50 °C

Display: 3½ digit LCD display, approx. 13 mm high

Pushbuttons: 3 membrane keys

Power supply: 9V battery type JEC 6 F 22 (included)

Power consumption: approx. 250 μ A (= 1200 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS plastic housing

Dimensions: approx. 106 x 67 x 30 mm (H x W x D) without pressure port sockets

Weight: approx. 135 g (incl. battery)

Sea level-adjustment: barometric air pressure can be displayed null based even at sea level.

(the pressure-adjustment is entered in metres above "null")

Auto-Off-Function: 1...120min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Tare function: Display value and min-/max value are set to null.

Tubes, clamps, adapters, accessories, etc. p.r.t. pages 22, 23, 38



DIGITAL MANOMETER for over/under pressure or pressure difference

GDH 200 - 13

0.0 to 199.9 / 1999 mbar (± 1999 mbar)

Device ready for use incl. battery

Functions:

- Autorange
- Excellent zero point stabilisation
- Manual slope adjustment
- 3 selectable measuring units: mbar, mmHg, PSI
- automatic off-function: 1 ... 120 Min

Specification:

Measuring range:

0.0 ... 199.9 resp. 200 ... 1999 mbar (hPa)

0.0 ... 199.9 resp. 200 ... 1500 mmHg

0.00 ... 19.99 PSI

Resolution: automatic change 1 / 0.1

Overload: max. 4000 mbar

Accuracy: (at nominal temperature and automatic Zero point-adjustment)

Measuring range: up to 2000 mbar

± 0.2 % f.s. hysteresis and linearity

± 0.4 % f.s. temperature drift from 0 to 50°C

Measuring range: up to 200 mbar

± 1 % f.s. hysteresis and linearity

± 2 % f.s. temperature drift from 0 to 50°C

Sensor: piezoresistive relative pressure sensor

Pressure connection: 2 pressure port sockets made of nickel-plated brass, for flexible pressure tubings 6x1mm (4mm inner-diameter), approx. 11mm protrusive.

Nominal temperature: 25°C

Working temperature: -25 to 50 °C

Display: 3½ digit LCD display, approx. 13 mm high

Pushbuttons: 3 membrane keys

Power supply: 9V battery type JEC 6 F 22 (included)

Power consumption: approx. 250 μ A (= 1200 operating hours)

Low battery warning: „BAT“, automatic

Housing: impact resistant ABS plastic housing

Dimensions: approx. 106 x 67 x 30 mm (H x W x D) without pressure port sockets

Weight: approx. 135 g (incl. battery)

Auto-Off-Function: 1...120min (can be deactivated either).

Min./Max. value memory: Memorizing of max. and min. values.

Zero point-adjustment: automatically

Slope-adjustment: manually

Tare function: Display value and min-/max value are set to null.

Tubes, clamps, adapters, accessories, etc. p.r.t. pages 22, 23, 38