

PRESSURE MEASURING DEVICE WITH LOGGER

GS.GMH3151

HIGHLIGHTS:

- 4½-digit display, probes with higher resolution up on request
- peak value memory 1000 measurements / s
- analog output 0-1 V
- digital adjustable
- integrated horn

SPECIFICATIONS:

max. display range: -19999 ... +19999 digit

Measuring range: corresponding to used probe

Overload: corresponding to used probe

Resolution: corresponding to used probe

Accuracy: (device) $\pm 0.1\%$ FS ± 1 digit (at nominal temperature=25 °C)

Pressure units: mbar, bar, Pa, kPa, MPa, mmHg, PSI, mH 2 O, can be selected.

Probe connection: 1, GMH 3156/-ex: 2

6-pin screened lockable

Mini-DIN-socket(s) for GMSD/MSD-sensors. Automatic probe detection and setting of measuring range upon plugging in of probe.

Display: 2 x 4½-digit LCD

Output: serial interface or AAG *

serial interface: direct connection to RS232 or

USB interface of a PC via electrically isolated interface converter GRS 3100, GRS 3105 or USB 3100 N.

Analog output: 0-1 V, freely adjustable
(resolution 12 bit)

Power supply: 9 V-battery, d.c. connector * for external 10.5-12 V direct voltage suppl (GNG10/3000)

Sensor adjustment: digital offset and scale input

Measuring cycle: „slow“ 4 measurements / s

„fast“ (with filter) ≥ 1000 measurements / s

„peak-detect“ ≥ 1000 measurements / s



STANDARD-
FUNCTIONS:





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MORE SPECIFICATIONS:

peak-detect: The min- / max- value memory stored unfiltered pressure peaks ≥ 1 ms

Logger functions:

manually data sets: 99 data sets

cycle data sets: 10000, GMH 3156/-ex: 4000 (max. 64 recording sequences)

adjustable cycle time: 1 ... 3600 s

Averaging function: x

Power consumption: max. 1.6 mA (4 measurements / s)
max. 7 mA (1000 measurements / s)

Working conditions: -25 ... +50 °C, 0 ... +95 % RH (non-condensing), GMH 315x-ex: -10 ... +50 °C, 0 ... 95 % RH (non-condensing)

Housing: impact-resistant ABS plastic housing. Front side IP65 GMH315x only: pop-up clip for table top or suspended use.

Dimensions: 142 x 71 x 26 mm

Weight: approx. 150 g, GMH 315x-ex:
approx. 190 g (incl. case)

Scope of supply: Device, battery, manual

ADDITIONAL FUNCTIONS:

Averaging function: integrates the meas. values during a selectable period of time and then calculates the average display value.

Sea-Level-correction: when connecting an abs. pressure probe the barom. air pressure can also be displayed corrected to sea level „zero“.

(Air pressure compensation achieved by entering the meters above sea level „zero“)

Logger Functions:

manual: 99 data sets

cyclic: 10000 data sets (GMH 3151)

4000 data sets (GMH 3156)

(max. 64 recording sequences), adjustable cycle time: 1 ... 3600 s; The logger is started or stopped by keypad or interface. The software GSOFT3050 (see accessories) is available for comfortable read-out of logger data.



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TUBE, TUBE CLIPS, ADAPTER, COUPLINGS, ETC.

GDZ-01

Product-ID: 601541
PVC-tube 6/4 (6 mm outside-Ø, 4 mm inside-Ø)
(5 bar @ 23 °C)

GDZ-02

Product-ID: 601543
PE (polyethylene) 6/4 (6 mm outside-Ø, 4 mm inside-Ø)
(10 bar @ 23 °C)

GDZ-03

Product-ID: 601545
PUR (polyurethane) 6/4 (6 mm outside-Ø, 4 mm inside-Ø)
(9 bar @ 23 °C)

GDZ-04

Product-ID: 601547
PA (polyamide) 6/4 (6 mm outside-Ø, 4 mm inside-Ø)
(25 bar @ 23 °C)

GDZ-05

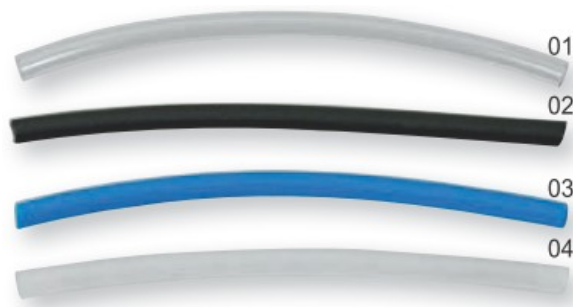
Product-ID: 601549
Screw-type glanding for 6/4 tube with outside thread
G1/8

GDZ-06

Product-ID: 601551
Increaser glanding for 6/4 tube with inside thread G1/8"

GDZ-08

Product-ID: 601555
Double adapter for 6/4 tube to 6/4 tube



GDZ-09

Product-ID: 601557
Coupling adapter (NW5) made of brass with inside thread G1/4" (suitable for GDZ-12)

GDZ-10

Product-ID: 601559
Coupling adapter (NW5) made of brass for tube with 6 mm inside-Ø (suitable for GDZ-12)

GDZ-11

Product-ID: 601561
Coupling adapter (NW5) made of brass with outside thread G1/4" (suitable for GDZ-12)

GDZ-12

Product-ID: 601564
Coupler socket (NW5) made of brass (single-hand use) with inside thread G1/4"

GDZ-13

Product-ID: 601566
Increaser/reducer made of brass with G1/2" outside thread and G1/8" inside thread

GDZ-14

Product-ID: 601568
Screw-in nozzle for 6/4 tube with outside thread G1/8"

GDZ-15

Product-ID: 601570
Screw-in nozzle for tube with 6 mm inside-Ø with outside thread G1/4"

GDZ-16

Product-ID: 601572
Screw-in nozzle for 6/4 tube with outside thread G1/4"



Le caratteristiche dichiarate possono cambiare senza alcun preavviso



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