

## Tube, tube clips, adapter, couplings, etc.

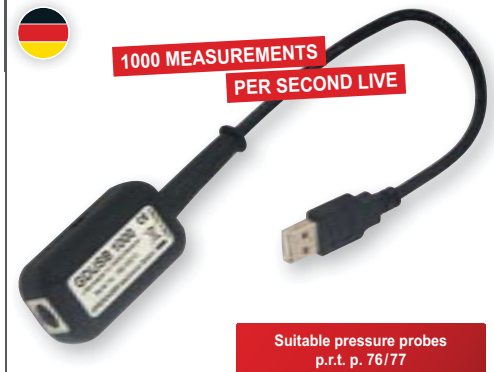


for GMH31xx, GMSD, MSD, GDHs and pressure measuring transducers.

<b>GDZ-01</b> Art. no. 601541 PVC-tube 6/4 (6 mm outside-Ø, 4 mm inside-Ø) (5 bar @ 23 °C)
<b>GDZ-02</b> Art. no. 601543 PE (polyethylene) 6/4 (6 mm outside-Ø, 4 mm inside-Ø) (10 bar @ 23 °C)
<b>GDZ-03</b> Art. no. 601545 PUR (polyurethane) 6/4 (6 mm outside-Ø, 4 mm inside-Ø) (9 bar @ 23 °C)
<b>GDZ-04</b> Art. no. 601547 PA (polyamide) 6/4 (6 mm outside-Ø, 4 mm inside-Ø) (25 bar @ 23 °C)
<b>GDZ-05</b> Art. no. 601549 Screw-type glanding for 6/4 tube with outside thread G1/8
<b>GDZ-06</b> Art. no. 601551 Increaser glanding for 6/4 tube with inside thread G1/8"
<b>GDZ-08</b> Art. no. 601555 Double adapter for 6/4 tube to 6/4 tube
<b>GDZ-09</b> Art. no. 601557 Coupling adapter (NW5) made of brass with inside thread G1/4" (suitable for GDZ-12)
<b>GDZ-10</b> Art. no. 601559 Coupling adapter (NW5) made of brass for tube with 6 mm inside-Ø (suitable for GDZ-12)
<b>GDZ-11</b> Art. no. 601561 Coupling adapter (NW5) made of brass with outside thread G1/4" (suitable for GDZ-12)
<b>GDZ-12</b> Art. no. 601564 Coupler socket (NW5) made of brass (single-hand use) with inside thread G1/4"
<b>GDZ-13</b> Art. no. 601566 Increaser/reducer made of brass with G1/2" outside thread and G1/8" inside thread
<b>GDZ-14</b> Art. no. 601568 Screw-in nozzle for 6/4 tube with outside thread G1/8"
<b>GDZ-15</b> Art. no. 601570 Screw-in nozzle for tube with 6 mm inside-Ø with outside thread G1/4"
<b>GDZ-16</b> Art. no. 601572 Screw-in nozzle for 6/4 tube with outside thread G1/4"

<b>GDZ-17</b> Art. no. 601574 Screw-in connection for 6/4 tube with outside thread G1/4"
<b>GDZ-18</b> Art. no. 601576 Tube clamp for 6/4 tube
<b>GDZ-19</b> Art. no. 601578 Tube clamp for 8/6 tube (8 mm outside-Ø and 6 mm inside-Ø)
<b>GDZ-20</b> Art. no. 601580 Screw-on connection made of brass for 6/4 tube with inside thread G1/4"
<b>GDZ-21</b> Art. no. 601582 T-piece for 6/4 tubes
<b>GDZ-22</b> Art. no. 601584 Coupling adapter (NW5) made of brass with tube connection 6/4 (suitable for GDZ-12)
<b>GDZ-23</b> Art. no. 601586 Adapter G1/2" Innen auf G1/4" Außen, aus Messing
<b>GDZ-27</b> Art. no. 601594 Manometer profile gasket (thickness 3mm, Cu) for G1/4" hread
<b>GDZ-28</b> Art. no. 601597 Flat gasket (thickness 5 mm, Cu) for thread G1/2"
<b>GDZ-29</b> Art. no. 601599 Filter-Membrane incl. Luer-Locks (GDZ-32 and GDZ-33)
<b>GDZ-30</b> Art. no. 601601 Adapter G1/2" inside thread to tube 6/4 (w/o picture)
<b>GDZ-31</b> Art. no. 606070 Silicone tube 8/5 (8 mm outer / 5 mm inner) (2 bar at 23 °C) temperature-resistant up to 200 °C, very flexible (figure similar to GDZ-04)
<b>GDZ-32</b> Art. no. 607951 Luer-lock male to hose 6/4
<b>GDZ-33</b> Art. no. 607952 Luer-lock female to hose 6/4
<b>GWA 1214</b> Art. no. 603979 Adapter G1/2" inside thread to G1/4" outside thread (without picture)
<b>GOG-N</b> Art. no. 603047 needle, Ø 0.9 mm - suitable to Luer-Lock male (5 pieces) (without picture)

## Universal pressure measurement system



## HIGHLIGHTS:

- complete package incl. software for up-to-date Windows systems
- live display before and live diagram display

## GDUSB 1000

Art. no. 600271

Full set incl. software for high-speed live measurement data logging GDUSB FastView (p.r.t. page 98)

## Applications:

- Test rigs and laboratory experiments
- Detection of pressure peaks
- Monitoring system pressure curves e.g. for process technology, engineering, etc.
- Live and offline displaying of measuring data of several GDUSB 1000 e.g. for data evaluation and logging, for optimization of processes and other statistics
- Multi-channel measurements with high recording rate
- Test setups or on-site recordings with GDUSB 1000

## Functions:

The GDUSB 1000 adapter allows to connect a standard pressure sensor of type GMSD / MSD directly to the USB interface of a PC. It provides 4 channels, i.e. currently measured value, average value, max and min value. There are two operation modes:

## Fast mode:

A GDUSB 1000 in fast mode can output up to 1000 measured values per second. The provided software displays the data and records for later usage. The software can be configured to start or stop the recording with several selectable trigger conditions

## Standard mode:

A GDUSB 1000 in standard mode can be responded similarly to GMH handheld devices or EASYBus modules (up to 32 measurements per second). Then a long term recording can be archived with the software EBS 20M / EBS 60M (2 measurements per second).

## Specifications:

<b>Measuring ranges:</b>	depends on connected sensor
<b>Max. range:</b>	-19999 ... +19999 digit
<b>Pressure units:</b>	mbar, bar, Pa, kPa, MPa, mmHg, PSI, mH <sub>2</sub> O, selectable, depending on connected sensor
<b>Measuring rate:</b>	1000 measurements / s (= 1 ms)
<b>Accuracy:</b>	±0.2 % FS (at nominal temperature = 25 °C)
<b>Recording interval:</b>	1 ms (FAST mode) ... 10 s, adjustable via software
<b>Connections</b>	
<b>PC:</b>	standard USB plug (type A)
<b>GMSD/MSD:</b>	6-pole screened mini-DIN socket with locking
<b>Power supply:</b>	supplied by USB interface
<b>Dimensions:</b>	56 x 31 x 24 mm
<b>Cable length (USB):</b>	approx. 20 cm