# Measuring amplifier GSV-61T6 SubD44HD

Item number: 16817



## Highlights

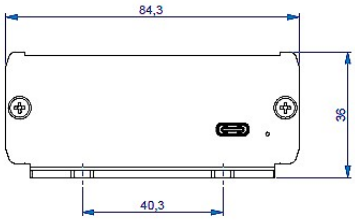
- 6 channels for connecting sensors with strain gauges
- USB-C interface for configuration, supply and data acquisition with GSVmulti
- sample rate: 1 kHz
- flange housing 104mm x 84mm x 35mm

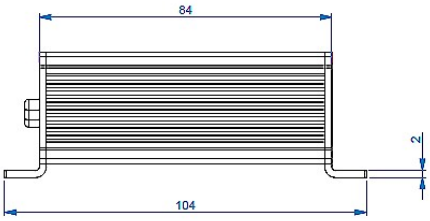
ME-Meßsysteme GmbH
Eduard-Maurer-Str. 9
DE-16761 Hennigsdorf

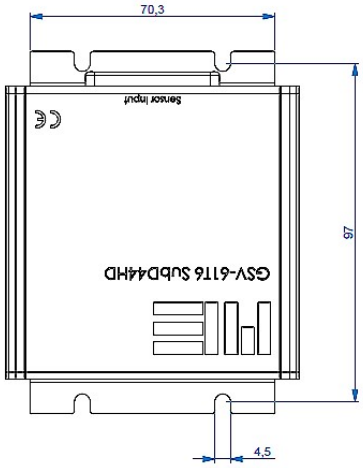
Tel: +49 (0)3302 8982 4 10
Mail: vertrieb@me-systeme.de
Web: www.me-systeme.de

Stand: 08.11.2026

## Technical Drawing







ME-Meßsysteme GmbH
Eduard-Maurer-Str. 9
DE-16761 Hennigsdorf

Tel: +49 (0)3302 8982 4 10
Mail: vertrieb@me-systeme.de
Web: www.me-systeme.de

Stand: 08.11.2026

# Technical Data

| Basic Data | | Unit |
|---|---|---|
| Dimensions | 104mm x 84mm x 35mm | |
| Housing | Aluminium | |
| Connection | Plug connector | |
| Number of channels | 6-channel | |
| Interface | USB | |

| Input analog | | Unit |
|---|---|---|
| Number of analog inputs | 6 | |
| Input sensitivity-steps | 2.0 | mV/V |
| Strain-gauge-full-bridge resistance from | 120 | Ohm |
| Strain-gauge-full-bridge resistance to | 5000 | Ohm |

| Output analog | Unit |
|---|---|

| Accuracy data | | Unit |
|---|---|---|
| Accuracy class | 0,05% | |
| Relative linearity error | 0.02 | % |
| Temperature effect on the zero point | 0.01 | % |
| Temperature effect on the measuring sensitivity | 0.01 | % |
| Resolution | 24 | bit |

| Measuring frequency | | Unit |
|---|---|---|
| Data frequency from | 0 | Hz |
| Data frequency to | 1000 | Hz |

ME-Meßsysteme GmbH
Eduard-Maurer-Str. 9
DE-16761 Hennigsdorf

Tel: +49 (0)3302 8982 4 10
Mail: vertrieb@me-systeme.de
Web: www.me-systeme.de

Stand: 08.11.2026

| Supply | | Unit |
|---|---|---|
| Supply voltage from | 18 | V |
| Supply voltage to | 28 | V |
| Current consumption from | 100 | mA |
| Current consumption to | 200 | mA |

| Interface | | Unit |
|---|---|---|
| Type of the interface | USB-C (2.0 Full Speed) | |

| Environmental Data | | Unit |
|---|---|---|
| Rated temperature range from | 0 | °C |
| Rated temperature range to | 50 | °C |
| Operating temperature range from | -20 | °C |
| Operating temperature range to | 65 | °C |
| Environmental protection | IP50 | |

ME-Meßsysteme GmbH
Eduard-Maurer-Str. 9
DE-16761 Hennigsdorf

Tel: +49 (0)3302 8982 4 10
Mail: vertrieb@me-systeme.de
Web: www.me-systeme.de

Stand: 08.11.2026