Measuring amplifier GSV-61T6 EC/SubD44HD

Item number: 14900



Highlights

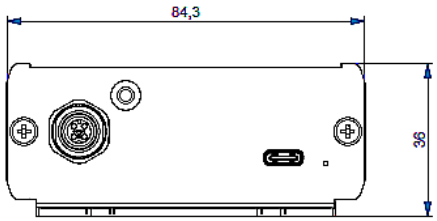
- 6 channels for connecting force-torque sensors
- Supply and data transmission with EtherCAT P
- USB interface for configuration and commissioning with GSVmulti
- 1kHz data frequency
- flange housing 104mm x 84mm x 35mm

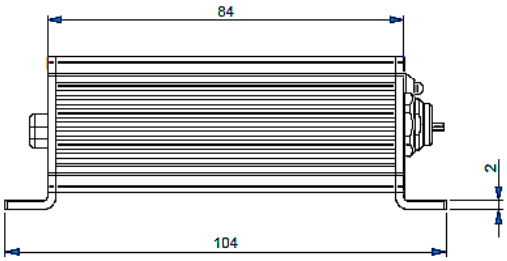
ME-Meßsysteme GmbH
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DE-16761 Hennigsdorf

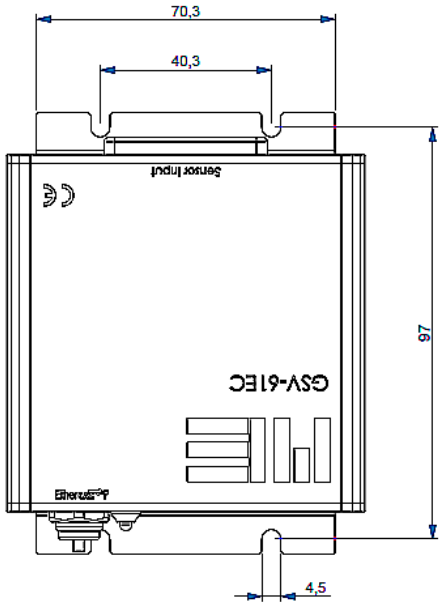
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Stand: 31.03.2026

Technical Drawing







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Technical Data

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

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

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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) | EtherCAT-P	

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	

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