GSV-2AS-CANOpen

Measuring amplifier

Highlights

- Tare function via control cable
- RS232, RS485 or CAN/CANOpen
- analogue output ±5V
- optionally 4...20mA output signal
- 24 Bit, to 200.000 Digits display resolution
- extensive software support
- two threshold generators
- trigger input

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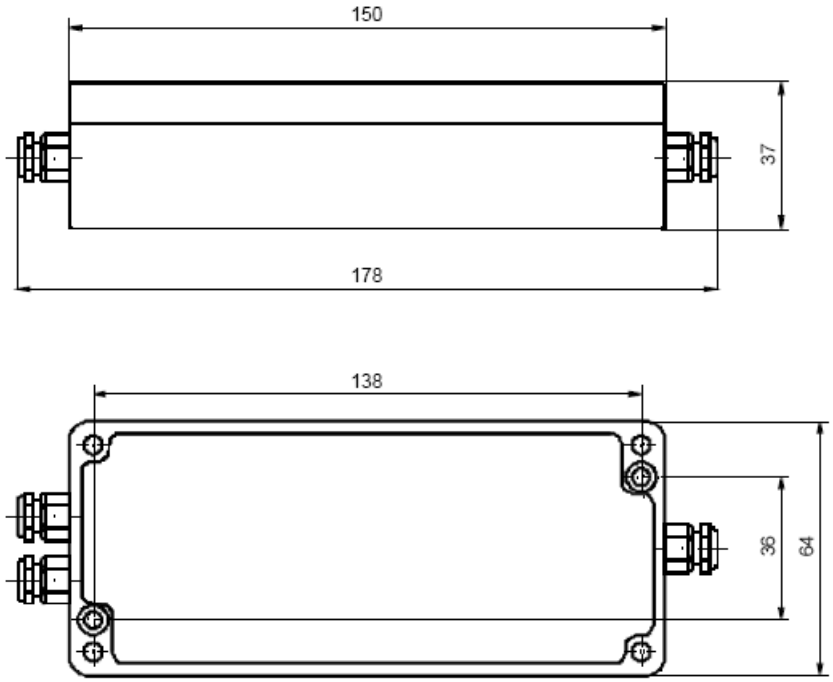
Dimensions



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Measuring amplifier

Technical Data

Input analog		
Number of analog inputs	1	
Input sensitivity-steps	2.0 | 3.5	mV/V
Input resistance strain-gauge-full-bridge	87 ... 5000	Ohm
Input voltage f	0 ... 10	V
Input resistance-voltage	56	kOhm

Output analog		
Number of analog outputs	1	
Voltage output f	-5 ... 5	V
Output resistance - voltage	47	Ohm

Measuring frequency		
Data frequency f	0 ... 1000	Hz
Limit frequency (analog)	1700	Hz

Supply		
Supply voltage f	10 ... 29	V
Current consumption f	100 ... 120	mA
Strain gauge bridge supply	5 | 2.5	V

Interface		
Type of the interface	canopen | rs232 | can	
Quantity of the interface	3	

Zero adjustment		
Type	digital | Regulation | software	
Tolerance	0.01	%
Time period	1	ms
Debouncing time	4	ms
Trigger level f	3.4 ... 29	V
Trigger edge	Level	

Filter		
Order	2	
Algorithm	bessel	

Temperature		
Rated temperature range f	-10 ... 65	°C
Operating temperature range f	-40 ... 85	°C
Environmental protection	IP66	

Basis Data

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Housing	Aluminium	
Connection	screw terminal	
Number of channels	1-Kanal	

Precision		
Accuracy class	0,05%	
Relative linearity error	0.02	%FS
Temperature effect on the zero point	0.2	%FS/10°C
Temperature effect on the measuring sensitivity	0.1	%RD/10°C
Resolution	24	Bit