

## GSV-2FSD-DI



### Highlights

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

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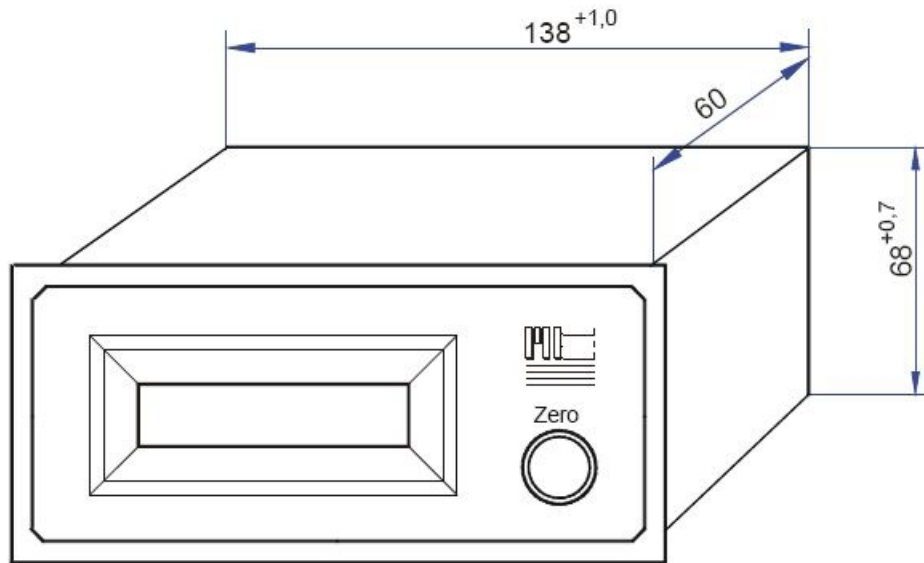
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## Description

## Dimensions



## Technical Data

### Basis Data

Housing	Front panel
Connection	screw terminal
Number of channels	1-Kanal

### Input analog

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

### 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

### Supply

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

### Interface

Type of the interface	rs232   rs422
Quantity of the interface	2

### Zero adjustment

Type	Button   digital
Tolerance	0.01 %
Time period	1 ms
Debouncing time	4 ms
Trigger level f	3.4 ... 29 V
Trigger edge	Level

### Temperature

Rated temperature range to	50 °C
Operating temperature range f	-20 ... 70 °C
Environmental protection	IP40

### Measuring frequency

Data frequency f	1 ... 1000 Hz
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Limit frequency (analog)

1700 Hz

## accessories

Description	Description
	NGS-74-GHN

## Orderoptions

Type	Description
GSV-2FSD-DI -5+5/250/2	Output -5...5 V, 250 Hz, input $\pm 2$ mV/V
GSV-2FSD-DI -5+5/250/2/CANOpen	Output -5...5 V, 250 Hz, input $\pm 2$ mV/V, CANOpen
GSV-2FSD-DI 010/250/2	Output -10...10 V, 250 Hz, input $\pm 2$ mV/V
GSV-2FSD-DI 4-20/250/2	Output 4...20mA, 250 Hz, input $\pm 2$ mV/V