

GSV-2FSD-DI -5+5/250/2/CANOpen -5+5/250/2/CANOpen



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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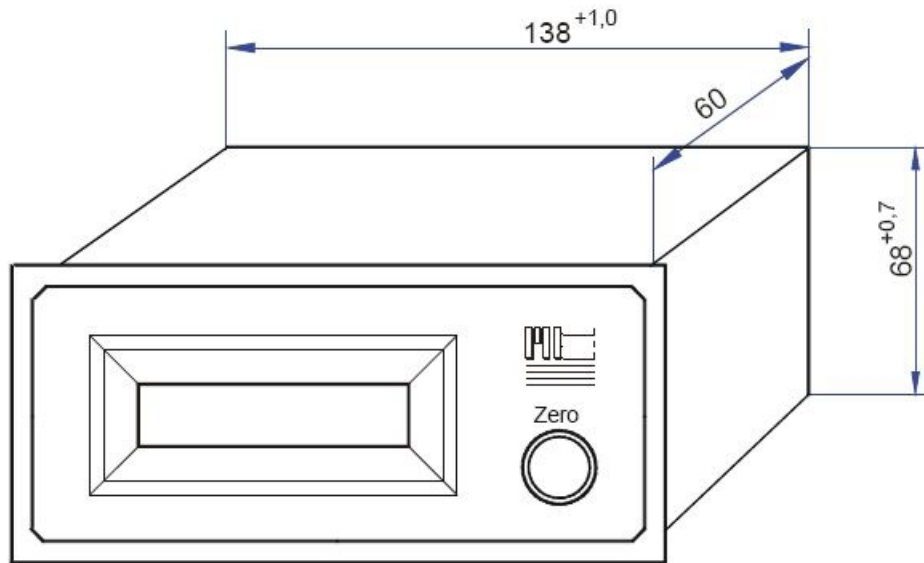
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Description

Dimensions



Technical Data

Basis Data

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

Eingang 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 canopen can |
| 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 |
|------------------|---------------|



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 ± 2 mV/V |
| GSV-2FSD-DI -5+5/250/2/CANOpen | Output -5...5 V, 250 Hz, input ± 2 mV/V, CANOpen |
| GSV-2FSD-DI 010/250/2 | Output -10...10 V, 250 Hz, input ± 2 mV/V |
| GSV-2FSD-DI 4-20/250/2 | Output 4...20mA, 250 Hz, input ± 2 mV/V |