

## GSV-6ETH



### Description

The 6-channel measuring amplifier GSV-6ETH allows the connection of 1-axis, as well as 3- and 6-axis sensors on strain gauge base.

The measurement data is evaluated via the communication interface UART, Ethernet and CANbus.

## Technical Data

### Input analog

Number of analog inputs	6
Input sensitivity-stepsless f	0.1 ... 8 mV/V
Input resistance strain-gauge-full-bridge	120 ... 5000 Ohm

### Measuring frequency

Data frequency f	0 ... 400 Hz
Sampling frequency	50 kHz

### Supply

Supply voltage f	9 ... 24 V
Current consumption to	200 mA
Strain gauge bridge supply	3 V

### Interface

Type of the interface	can   ethernet   uart   teds
Quantity of the interface	4

### Zero adjustment

Type	software
Tolerance	2 LSB
Time period	1 ms

### Temperature

Rated temperature range f	0 ... 60 °C
Environmental protection	IP20

### Basis Data

Dimensions	75x100x mm
Housing	top-hat rail
Connection	Connector
Connection type	SubD44HD
Number of channels	6-channel

### Precision

Accuracy class	0,1%
Temperature effect on the zero point	0.05 %FS/10°C
Temperature effect on the measuring sensitivity	0.01 %RD/10°C
Resolution	16 Bit ADC