

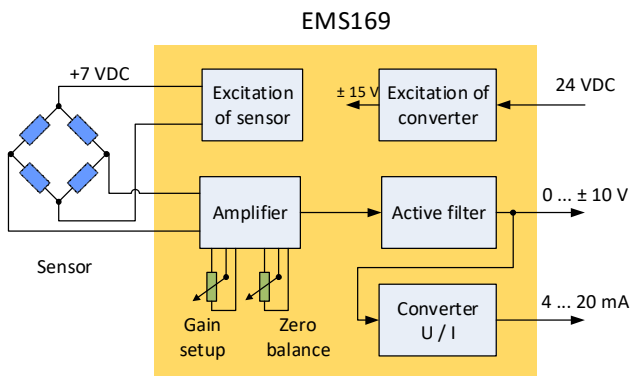


Special features

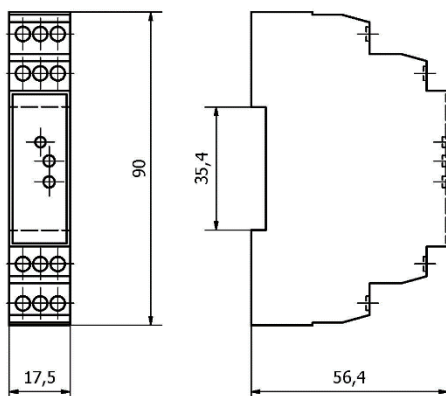
- Large range of sensor sensitivity
- Five output ranges
- Adjustment via two potentiometers
- Plastic enclosure for mounting on DIN rails

Specifications

Block diagram



Outline Dimensions (mm)



Accuracy class	0,2
Input - Strain Gauge Sensor (Force, Pressure, Moment), Sensitivity	0,8 ... 2,3 mV/V
Sensor Excitation - Voltage - Min. sensor impedance	7 VDC 300 Ω
Voltage Output - Bipolar - Bipolar "Low" - Bipolar with zero offset - Min. load impedance	0 ... ± 10 V 0 ... ± 5 V 5 ... ± 5 V 2 kΩ
Current Output - Unipolar - Bipolar with zero offset - Max. load impedance	4 ... 20 mA 12 ... ± 8 mA 500 Ω
Amplifier - Zero adjustment - Input offset voltage drift - Thermal sensitivity drift - Non-linearity	0 ... ± 2,5 V 1 μV / °C 100 ppm / °C 0,05 % FS
Butterworth Low Pass Filter 2nd Order - Frequency range "Low" - Frequency range "High"	20 Hz 1 kHz
Power Supply - Range - Max. current consumption	24 VDC ± 10 % 50 mA
Temperature Range - Operating - Storage	- 10 ... + 50 °C - 40 ... + 85 °C