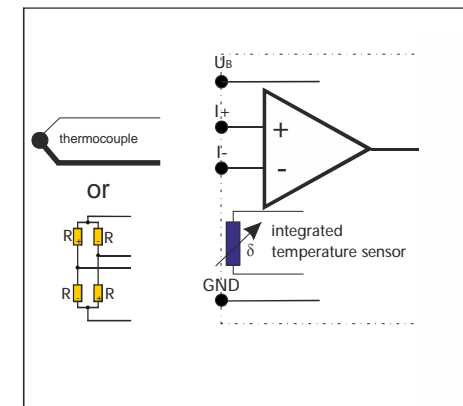
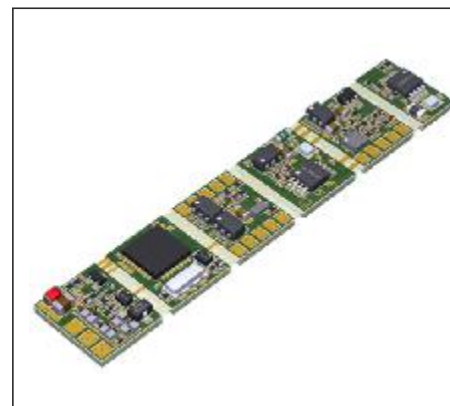


# Sensor Signal Amplifier Type SV Kalimero



## SV Kalimero

- For thermocouple (isolated or non-isolated), Pt100, strain gage
- Measuring range up to 1000°C
- Bandwidth: up to 500 Hz with 1 channel, up to 100 Hz with 16 channels
- Channel Count: up to 16 sensor-amplifiers in a row
- Additional channels: temperature, raw voltage, system-id, sensortype
- Transmission: inductive sensor telemetry PCM
- Integrated filter
- Resolution: 16 Bits
- Zero point drift:  $\pm 1^\circ\text{C}$ ,  $\pm 0.3^\circ\text{C}$  option
- Precise cold-junction-compensation through mathematical algorithm
- measured data is normalized, therefore easy plug and play
- Thermocouple linearisation with automatic type detection in receiving unit possible
- Environmental temperature range:  $-25$  to  $+85^\circ\text{C}$  (125°C, 160°C, 180°C)
- Max load: 50 000 g (depending on fixing)