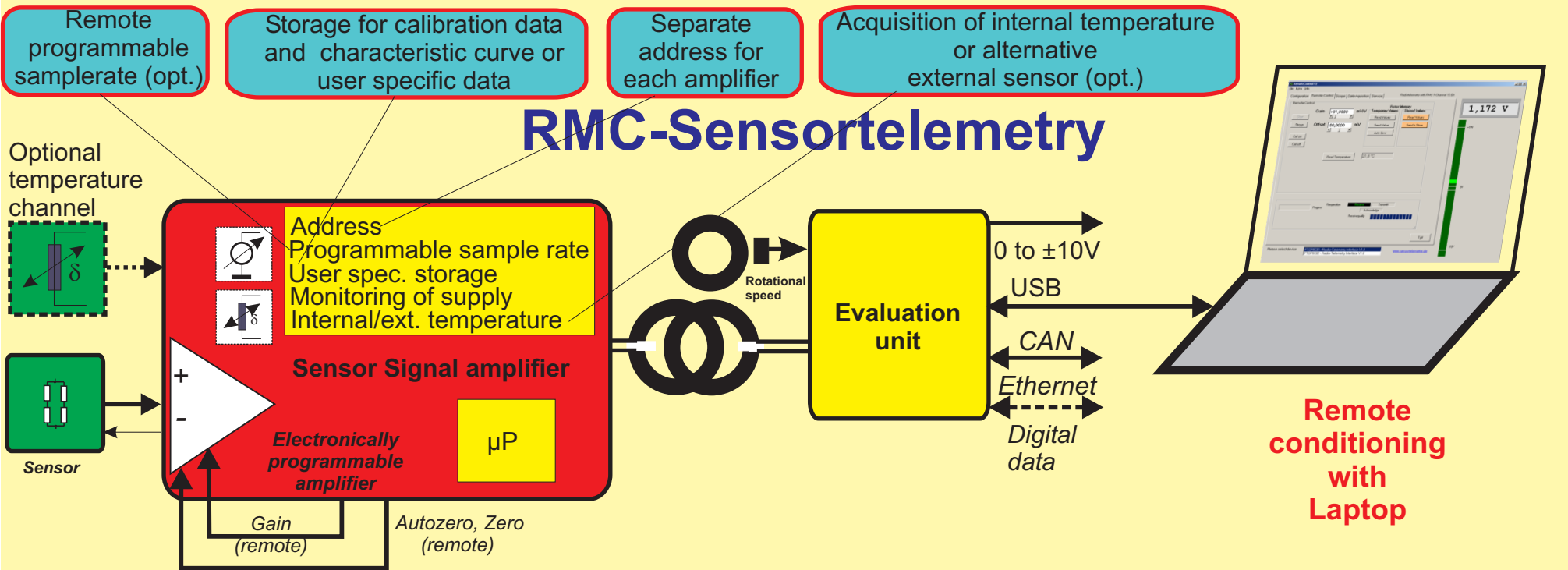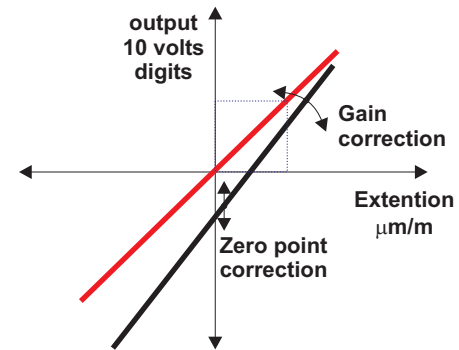# Online remote programmable Sensor Telemetry

High resolution (16 Bit) initial remote setup of the of strain gage application at installation, calibration

output 10 volts digits

Gain correction

Extention μm/m

Zero point correction

Remote programmable samplerate (opt.)

Storage for calibration data and characteristic curve or user specific data

Separate address for each amplifier

Acquisition of internal temperature or alternative external sensor (opt.)

RMC-Sensortelemetry

Optional temperature channel

δ

Sensor

Address
Programmable sample rate
User spec. storage
Monitoring of supply
Internal/ext. temperature

Sensor Signal amplifier

μP

+

−

Electronically programmable amplifier

Gain (remote)

Autozero, Zero (remote)

Rotational speed

Evaluation unit

0 to ±10V

USB

CAN

Ethernet

Digital data

1,172 V

Remote conditioning with Laptop

Remote controlled range (online via telemetry channel)

MANNER®
Sensortelemetrie