



## Temperature Measurement

# SINEAX

## From the probe...



Temperature measurement is the most occurring measuring task in all of industry. Whichever sector you look at, almost any application operates temperature measuring points. Requirements of temperature measurement vary, however, considerably from one application to the next. For this reason, Camille Bauer offers an extensive temperature program from temperature sensors and transmitters through to displays and processing units.

### **Our program comprises the most varied temperature sensors in all common or special structural designs**

- Jacket thermometer (measuring head Form A, Form B)
- Cable sensor
- Wall-mounted housing
- Groove resistance thermometer
- Special structural designs

### **Sensor elements**

- Measuring resistance (Pt100, Pt1000 etc.)
- Thermo elements (Type: B, E, J, K, L, N, R, S, T)
- Special sensors (e.g.: Pt10, Pt25, Pt46, Ni100 etc.)

### **Process connection**

- Thread
- Flange
- Plugable

- Welding boss
- Tension band
- Process connections for food/pharmaceutical industry/biotechnology (Clamp, Varivent, Neumo, DIN 11 851 etc.)
- Special structural designs

### **Temperature sensors custom-made**

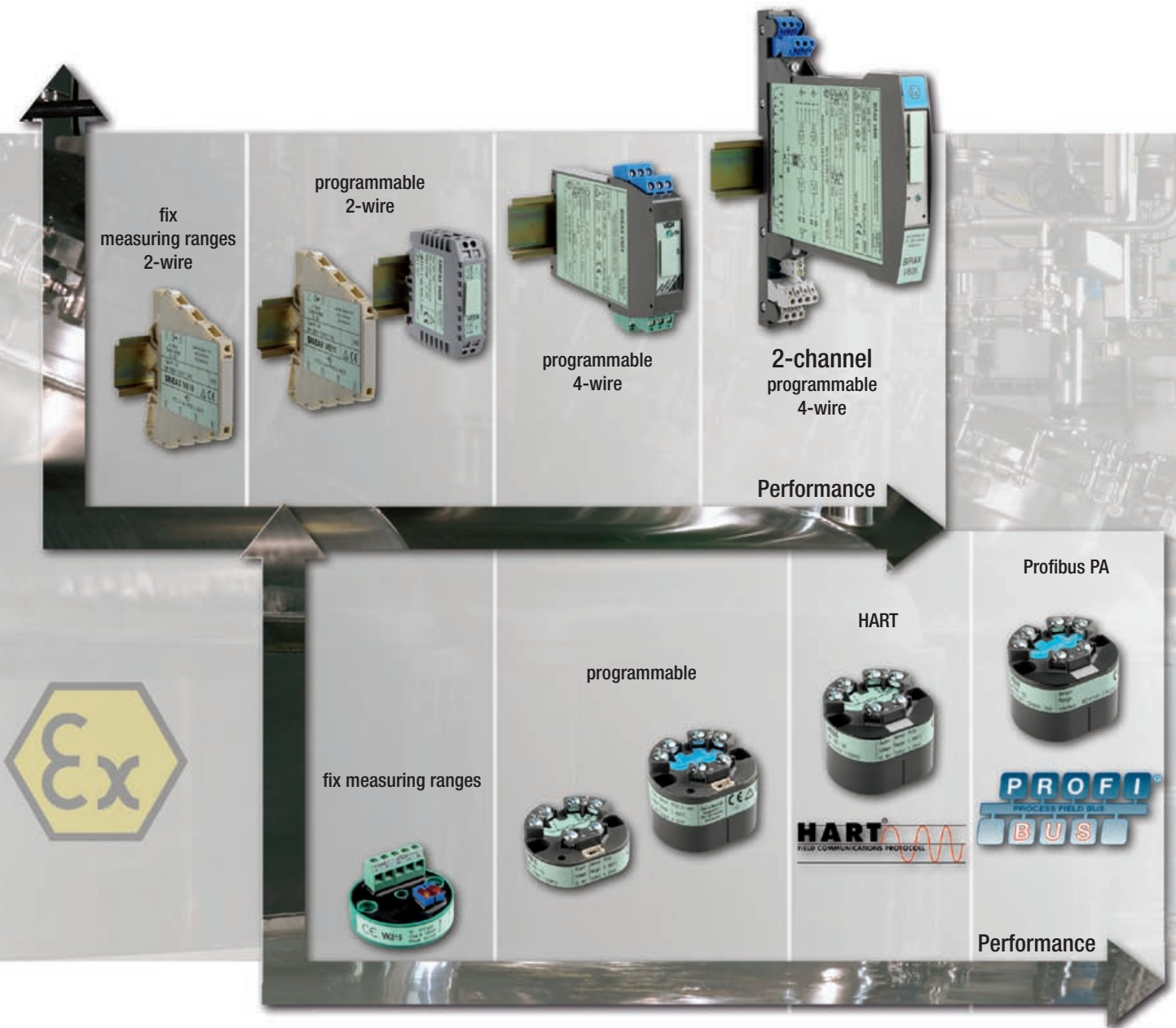
For example:

- Special designs with protective tube of precious metal for glass melting
- Temperature sensing device with 2 sensors
- Special materials (e.g. 14435/316L) for hygiene applications
- Temperature sensors also available in Ex-design

Whatever your measuring point looks like, talk to us so that we can offer you an individual solutions for your purposes.

# SINEAX

## ... up to the evaluation units



Camille Bauer offers extensive temperature transmitters in different structural designs to evaluate, convert and forward temperature sensor signals.

### Head transmitters

are directly installed in the connecting head of the temperature sensor (DIN 43 729, Form B). The sensor signal (TC or RTD, 2-wire, 3-wire, or 4-wire) is converted into a 4...20 mA signal, HART signal or Profibus PA signal directly on site. The head transmitters may be freely programmed and parameterised.

### Intelligent terminals

in 2-wire technology, are suited to installation in subdistributors close to the process or in control cabinets. Their very small structural design safeguards space-saving installation thus providing processing of as many signals as possible in the

most limited space conditions. The same scope of performance as in head transmitters is, of course, also available for these terminals.

### Temperature transmitters

for top-hat rail mounting are directly assembled in the control cabinet and are designed in 4-wire technology. Measured variable and measuring range may be programmed by PC. All devices are provided with galvanic isolation, on principle, and are also available in Ex-design. The housing consists of mechanically very resistant and incombustible Lexan according to UL 94 V0. 2-channel instruments are available.

### Advantages at a glance

- Simple handling:** Transmitter is available with firmly set measuring ranges
- Cost-saving in stocks:** Measured value and measuring range are freely programmable allowing the transmitters to be universally used
- Simple commissioning:** All output and input variables may be software simulated thus facilitating testing of the behaviour of the measuring chain
- Simple parameterising:** Intuitive menu-guided software operation in the generally known high Camille Bauer standard
- Safe:** Most transmitters are available with galvanic 3-way isolation and ATEX certificate for use in Ex-areas
- Universal:** Available with power supply in all areas

# SINEAX

## We offer solutions for every demand

with  
communication



Head transmitter  
VK 626, HART



Head transmitter  
VK 636, Profibus PA

programmable  
4...20 mA



Intelligent terminal  
SINEAX V611



Head transmitter  
SINEAX VK 616



Intelligent terminal  
SINEAX V 608



Top-hat rail mounting  
transmitter SINEAX V624



2-channel transmitter  
SIRAX V606

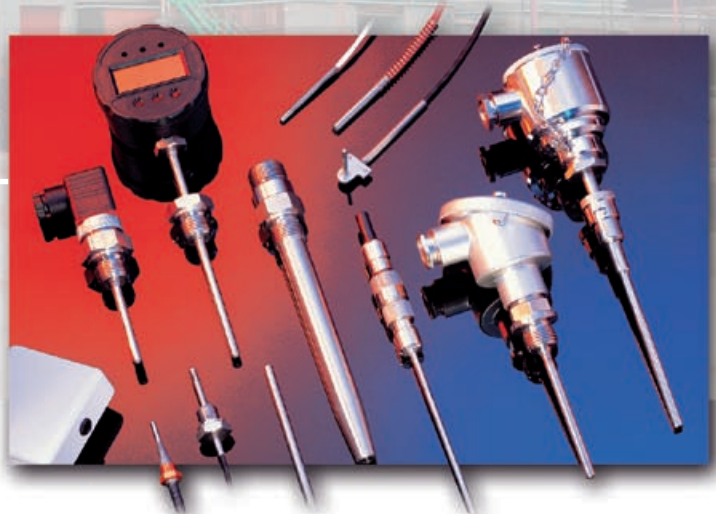
fix  
measuring ranges  
4...20 mA



Head transmitter  
SINEAX VK 615



Intelligent terminal  
SINEAX V610



## CAMILLE BAUER

Rely on us.

Camille Bauer AG  
Aargauerstrasse 7  
CH-5610 Wohlen / Switzerland

Phone: +41 56 618 21 11

Fax: +41 56 618 35 35

e-Mail: [info@camillebauer.com](mailto:info@camillebauer.com)

[www.camillebauer.com](http://www.camillebauer.com)