

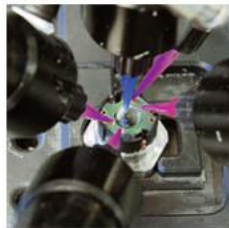


WKO Austria Forum Bioplin Našice 2009.

Tehnologija za optimizirane procese

High-tech za najviše zahtjeve

- State-of-the-art proizvodni pogoni
- In-house testni laboratoriji
- Laboratoriji za kalibraciju akreditirani od DKD-a (njemačke službe za kalibraciju)
- Čista soba klase 100 za proizvodnju preciznih senzora
- Potpuno automatizirana visoko-regalna skladišta
- Menadžment kvalitete: DIN ISO 9001, DIN ISO/TS 16949
- Menadžment upravljanja okolišem: DIN ISO 14001



Podaci o proizvodnji

Preciznost od XS do XXL

- **Godišnja proizvodnja** oko 43,000,000 uređaja diljem svijeta
- **Dnevna proizvodnja** oko 172,000 uređaja
- **Veličina serije** 1 do 10,000 jedinica i više
- **Raspon mjerenja** 0...0.6 mbara do 0...15,000 bara
-250 °C do 1,800 °C
- **Cijene uređaja** 2 EUR do preko 20,000 EUR



Paleta proizvoda

Jedinstveni po širini i opsegu proizvodnog programa

■ Mjerenje tlaka

- **Elektronsko** / Pressure sensors, pressure transducers, pressure transmitters, pressure switches, digital pressure gauges, level probes ...
- **Mehatroničko** / Pressure gauges with electrical output signal or switching contacts, mechanical pressure switches ...
- **Mehaničko** / Bourdon tube, diaphragm and capsule gauges for relative pressure, absolute pressure and differential pressure ...
- **Prijenosnici tlaka** / Diaphragm seals, diaphragm in-line seals and diaphragm probe seals with threaded, flanged or sterile connection ...

■ Mjerenje temperature

- **Elektronsko** | Temperature transmitters, resistance thermometers, thermocouples, temperature switches, digital indicators, temperature controllers ...
- **Mehatroničko** | Dial indicating thermometers with electrical output signal or switching contacts, mechanical temperature switches ...
- **Mehaničko** | Bimetal thermometers, gas actuated thermometers, expansion thermometers, glass thermometers for industrial purposes ...
- **Zaštitne cijevi** | Solid machined or fabricated, with flange, to screw in, to weld in, with sterile connection ...

■ Kalibracija

- **Tlak** | Hand-helds, pressure balances, pressure calibrators, pressure controllers, system solutions, pressure generation and accessories ...
- **Temperatura** | Hand-held thermometers, portable and stationary temperature calibrators ...

■ Pribor

Proizvodi

Prikaz proizvoda TRONIC Division

- Sensori tlaka
- Prijenosnici tlaka s "fieldbus" sučeljem
- Tlačne sklopke
- Prijenosnici tlaka
- Tlačni pretvornici
- Digitalni indikatori/instrumenti



Elektronsko mjerenje tlaka

Prijenosnici tlaka

- Relativni, apsolutni, diferencijalni tlak, stupanj, protok
- Raspon: 0...1 mbara do 0...8000 bara
- Klasa točnosti do 0.075 %
- Sigurnosni automatizam ili kućište za zaštitom od eksplozije
- Kombinacija sa sklopkama



Pressure transmitters with turn down



Differential pressure transmitters



Pressure transmitters for hazardous areas



Level probes

Mehaničko mjerenje tlaka

Mjerači tlaka

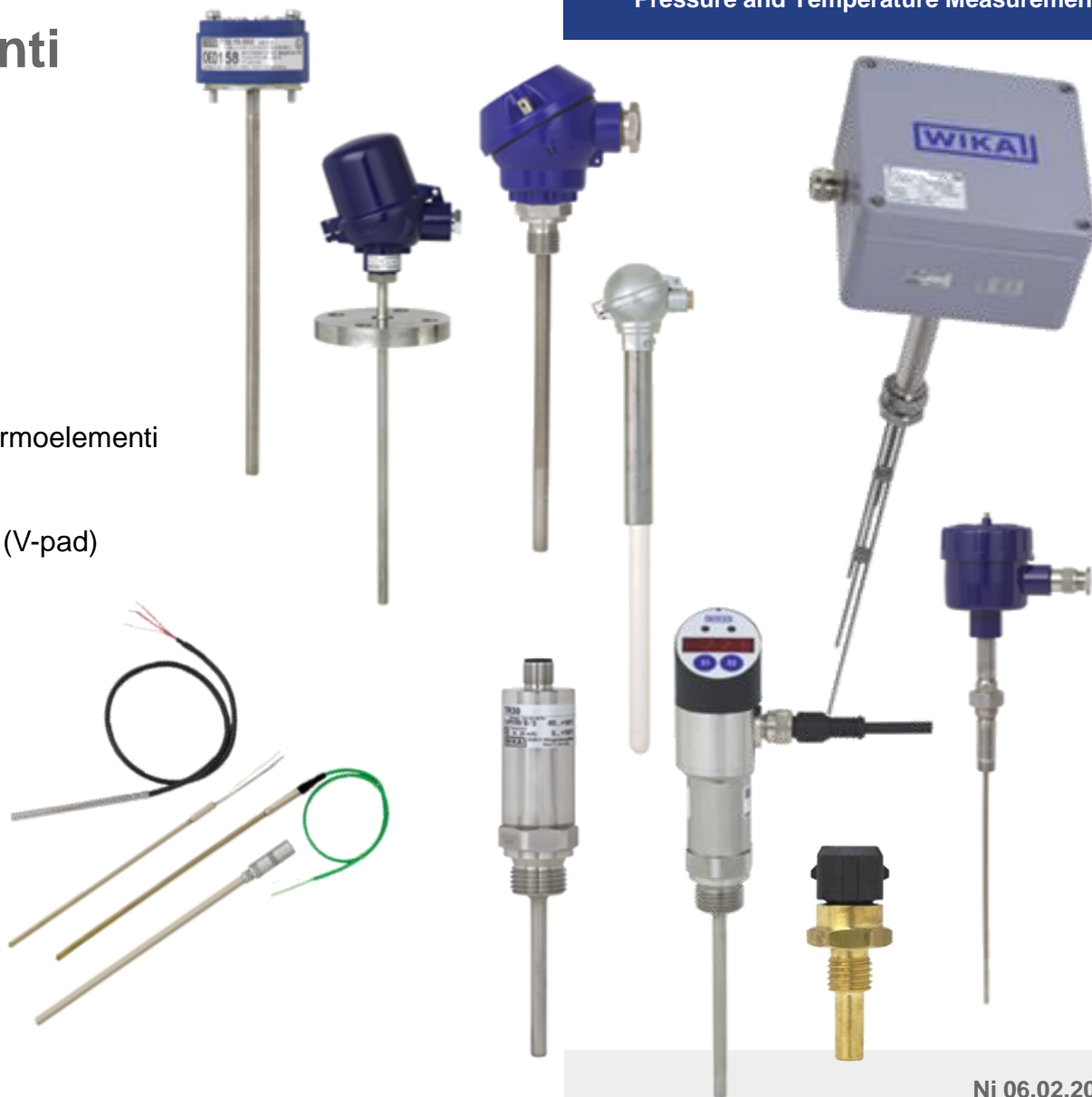
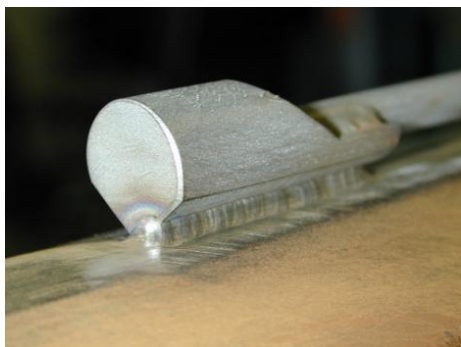
- With Bourdon Tube
- Diaphragm Gauges
- Capsule Gauges
- Differential Pressure Gauges
- Pressure Gauges with Switch Contacts
- Combination with Diaphragm Seals



Elektroničko mjerenje temperature

RTDi i termoelementi

- Displej s prikazom mjerenja
- Sa ili bez termovala
- EEx-ia and EEx-d modeli
- Kablovski senzori
- Minijaturni, kompaktni dizajn
- Izmjenjivač temperatura
- Obloženi/ visoko temperaturni termoelementi
- OEM termometar
- Vanjski temperaturni izmjenjivač (V-pad)
- Multipoint



Elektroničko mjerenje temperature

Prijenosnici temperature

- Digitalni ili analogni transformatori
- HART®-protocol, PROFIBUS/PA, FOUNDATION™ Fieldbus
- Instaliranje raspona od najniže do najviše vrijednosti
- Fiksni ili podesivi raspon mjerenja



Mehaničko mjerenje temperature

Mehanički termometri

Bimetal thermometers



- Nominal size: 63, 80, 100, 160 mm
- Connection: axial, radial, adjustable
- Twin-Temp (bimetal + Pt100)

Gas actuated or expansion thermometers



- Nominal size: 63, 100, 160 mm
- Connection: axial, radial, adjustable
- Capillary for remote sensing up to 100 m
- Electrical contacts / Micro switches

Machine glass thermometers



- Nominal size: 110, 150, 200 mm
- Design: straight, 90° angle, 135° angle

Thermowells



- Connection: threaded, flanged, to weld-in
- Design: fabricated or solid machined
- Material: stainless steel, special materials, coatings

Tehnologija za kalibraciju

Instrumenti za mjerenje tlaka i temperature za kalibraciju i mobilni servis

WIKAL

Pressure and Temperature Measurement



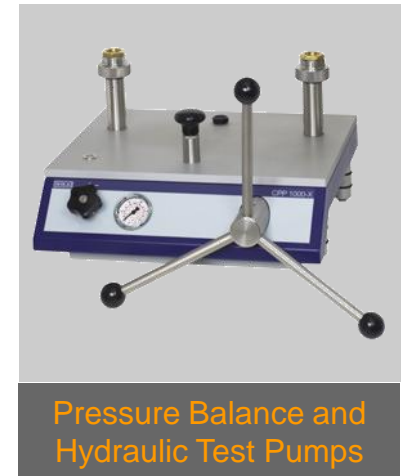
Precision Pressure Gauge



Hand-Held



Process Pressure Calibrator



Pressure Balance and Hydraulic Test Pumps



Pressure Controller



Infrared



Dry Well Calibrator

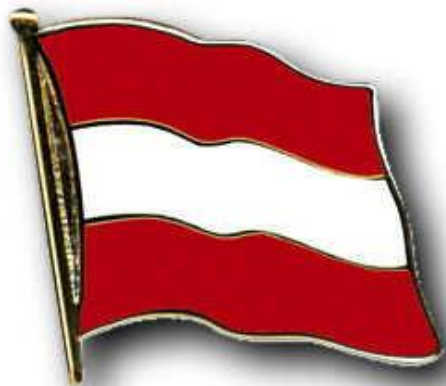


Micro Calibration Bath

Kontakti

WIKAI

Pressure and Temperature Measurement



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