



TEMPCO

EXPERTISE IN MEASUREMENT & CALIBRATION

INSTRUMENTATION CALIBRATION

Sales & Stock
Advice
Calibration
Mountings
Training

TEMPCO

EXPERTISE IN MEASUREMENT & CALIBRATION

ABOUT US

TEMPCO is specialized in industrial and professional instrumentation and builds its customer relationship on a long-term perspective.

Its team provides you with more than 25 years of expertise to advise you on your projects and applications.

The activity is mainly based on the marketing, repair, assembly and calibration of professional instruments for the measurement of TEMPERATURE, PRESSURE, LEVEL, FLOW, PHYSICO-CHEMICAL AND ELECTRICAL PARAMETERS. We also market specific SOFTWARE and provide the associated support.

Tempco has been ISO9001:2015 certified since 2005 and accredited according to ISO/IEC 17025:2017 since 2022.

SERVICES



CALIBRATION

In our workshop or on site.



TRAINING

Seminars and commissioning for complex equipments.



ADVICE

Our expertise guides you.



MOUNTING

Custom mountings – Very short deadlines.



LEAK DETECTION

Air, gas and vacuum leak detection.



RENTAL

Energy analysers, flowmeters, loggers...

CALIBRATION

ACCREDITED LABORATORY IN ACCORDANCE WITH ISO/IEC 17025:2017



TEMPCO's Quality Management System is accredited by BELAC according to ISO/IEC 17025 for pressure calibration activities (under reference 693-CAL).

This means that we have demonstrated our operational skills and ability to deliver meaningful results.

This guarantees our customers that they can have full confidence in the validity of our results and that we make

every effort to maintain this high level of requirements.

The measurement possibilities range from 1 KPa to 110 MPa (10 mbar to 1100 Bar).

We are at your disposal to answer any questions relating to our Quality Management system and calibration activities.



ISO9001 TRACEABLE CALIBRATIONS

Tempco performs « ISO9001 » traceable calibrations in the workshop or on site for pressure, temperature (generation or simulation) measurements, electrical parameters, and other quantities.

Calibration is individual or system (i.e. connected).

The documents produced comply with the requirements of the ISO9001 standard. The equipment used is regularly calibrated in ISO/IEC 17025 accredited laboratories.

- Temperature measurement from -200 to + 420°C.

- Recording of up to 40 temperature channels and analog signals, for instance, oven validations or data acquisition.

We can calibrate pressure gauges and pressure transmitters from class 0.025, i.e. not only industrial process equipment but also industrial laboratory equipment. We can also calibrate thermometers and temperature transmitters up to 420°C.

Precision references:

- Measurement and generation of pressures from -1 to + 1500 bar with reference accuracy up to 0.008% of the measurement.
- Measurement and generation of temperatures from -45 to + 425°C.



PRESSURE



Pressure gauges, pressure switches, pressure transmitters, diaphragm separators for industrial, pharmaceutical or food processes,

contacts. Workshop assembly. Large stock. Custom manufacturing.

► PRESSURE GAUGES



Stainless Steel



Liquid column



Differential



Digital



Low pressure



Safety/Precision



Brass



Contacts



Synthetic

► PORTABLE DEVICES



► SEALS



Flange connection



Sanitary-Food



Threaded connection



Mountings

► SWITCHES



Switches



Mechanical



Differential



Electronic

► TRANSMITTERS



Differential pressure



Pressure



Calibration sensor

FLOW

Indicating flowmeters, flow switches, flow transmitters. Float, piston, turbine, electromagnetic, ultrasonic, Pitot systems. Combined or portable systems. Large stock. Custom manufacturing.

▶ PITOT TUBES/DELTA P



▶ WATER METERS



▶ PISTON VALVE DESIGN



▶ PISTON IN-LINE DESIGN



▶ ROTAMETERS-FLOATS



▶ DYNAMIC DIAPHRAGM



▶ PADDLE FLOW METERS



▶ CALORIMETRIC FLOW METERS



▶ VISUAL FLOW INDICATORS





► **TURBINE FLOW METERS**



► **GEARWHEEL VOLUMETRIC FLOW METERS**



► **SCREW VOLUMETRIC FLOW METERS**



► **ELECTROMAGNETIC FLOW METERS**



► **ROTOR FLOW METERS**



► **MANIFOLD BLOCKS**



► **THERMAL MASS FLOW METERS**



► **ULTRASONIC FLOW METERS**



► **HOTWIRE FLOW METERS**



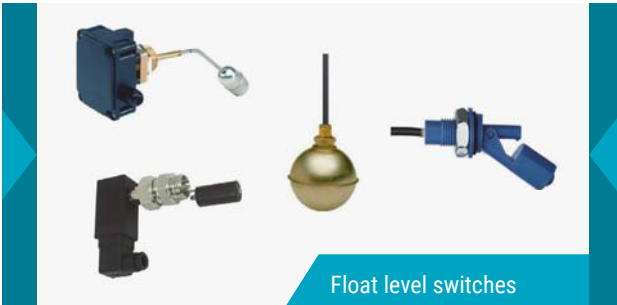
LEVEL



Level indicators, level switches, level transmitters. Float, ultrasound, radar, hydrostatic systems. Conductive or capacitive probe systems.

Combined systems. Large stock. Custom manufacturing.

▶ FLOAT



Float level switches

▶ THERMAL



Thermal level switches

▶ CAPACITIVE



Capacitive level switches

▶ CONDUCTIVE



Conductive level indicators

▶ HYDROSTATIC



Hydrostatic level measurement



► **ULTRASONIC/RADAR**



► **GLAS**



► **PNEUMATIC**



► **MAGNETIC**



TEMPERATURE



Thermometers, thermostats, Pt100 or thermocouple probes, temperature transmitters, combined instruments, thermowells, fittings and adapters. Large stock. Custom manufacturing.

► THERMOMETERS



Glas



Bimetal



Expansion gas



Digital



Infrared

► TRANSMITTERS



Infrared



Displays



Pt100/1000-Thermocouples



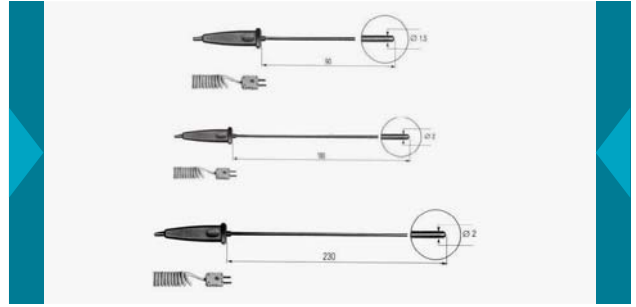
Wireless



► TEMPERATURE SWITCHES



► PROBES



► THERMOWELLS



► THERMAL CAMERAS



INDUSTRIAL ELECTRONICS



Digital indicators, regulators, «plug-in» displays, combined instruments for process control, analogue displays. Large stock, custom manufacturing.

► DISPLAYS FOR CABINET MOUNTING



Standard signals



Temperature



Resistance



BCD



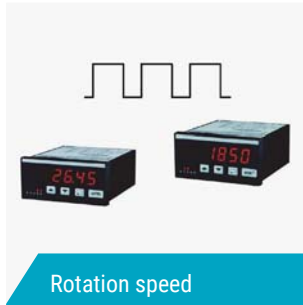
Level



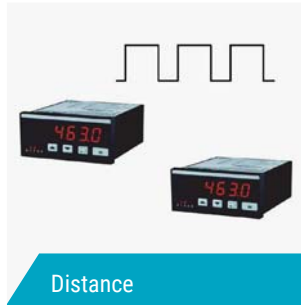
Flow



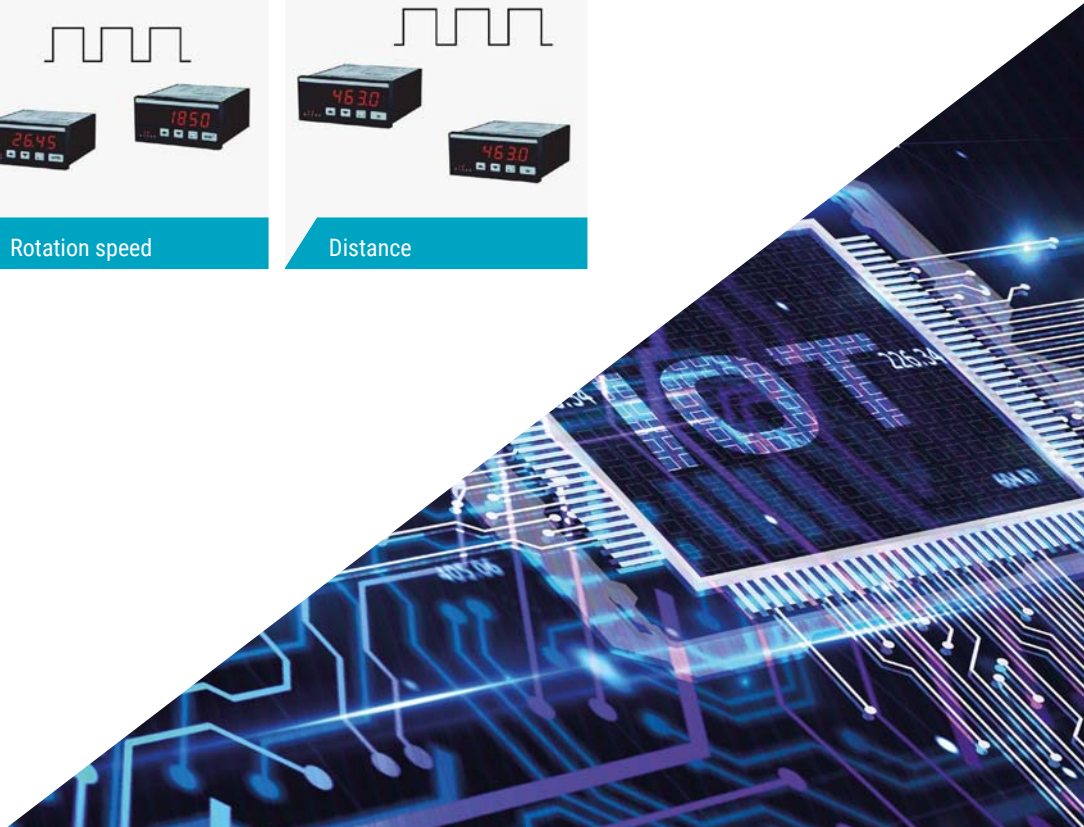
Current - Voltage



Rotation speed



Distance



► **PLUG-IN DISPLAYS**



► **AMPLIFIERS/GALVANIC ISOLATORS**



► **REGULATORS**



► **POWER ELECTRONICS**



INDUSTRIAL ELECTRONICS

► CONVERTERS



Temperature

Resistance

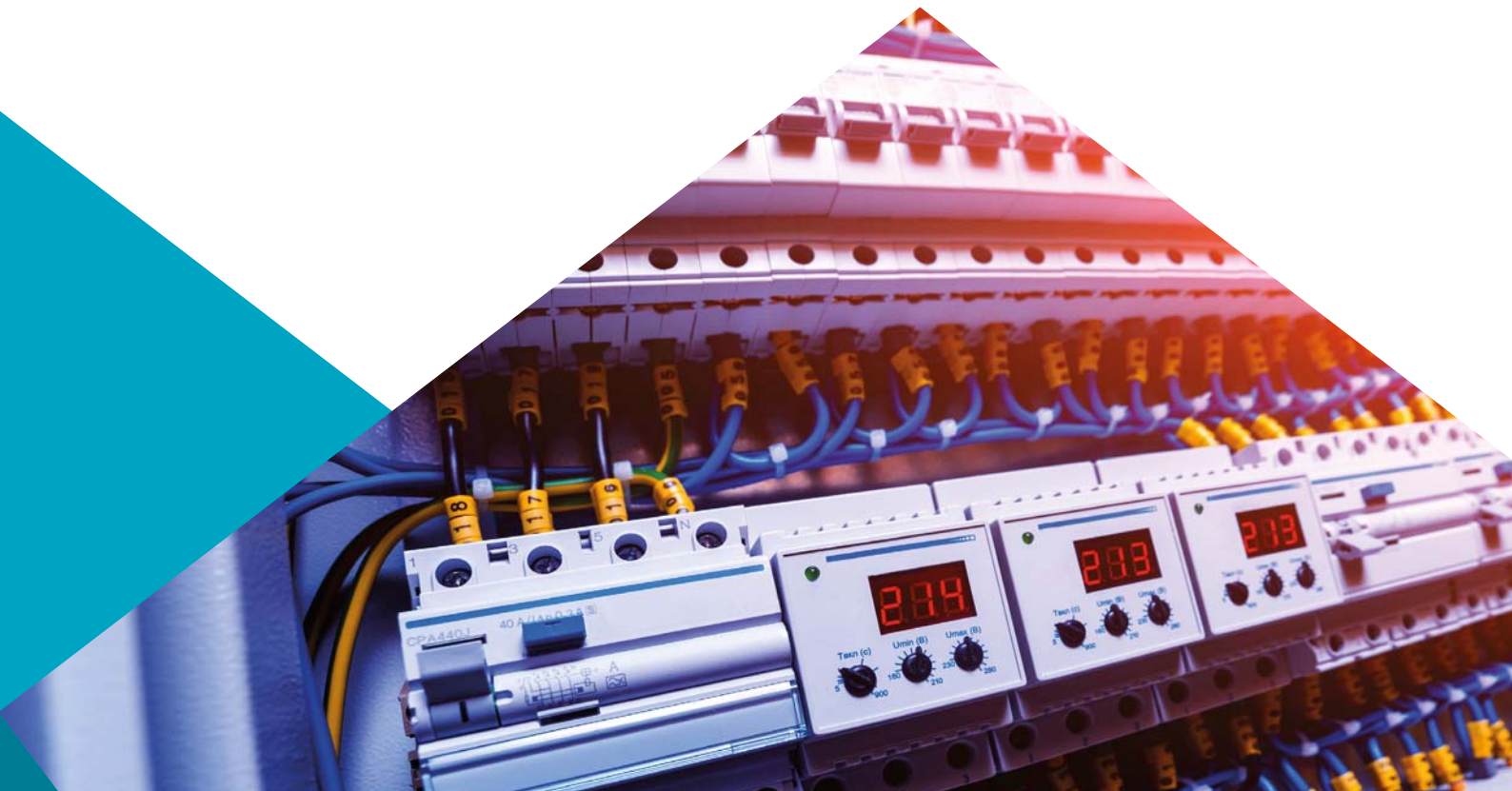


Standard signals

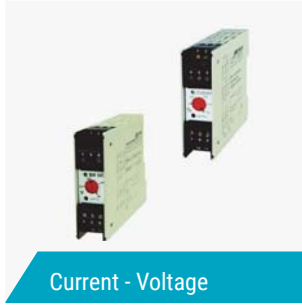
Current - Voltage

Power

Frequency



► SAFETY



Current - Voltage



Standard signals



Temperature



Isolation



SIL2 limiter

► DISPLAYS (FIELD HOUSING)



Standard signals



Level



Rotation speed

PORTABLE DEVICES



Wide range of portable devices for the measurement and/or recording of pressure, temperature, flow, humidity, gas, electricity. Single or multiple functions. Associated software.

▶ WATER ANALYSIS



▶ MULTIFUNCTION DEVICES



▶ ANEMOMETERS



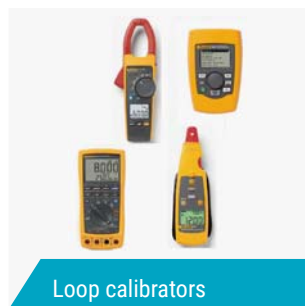
▶ CALIBRATION



Pressure



Temperature



Loop calibrators



Multifunction devices

► ELECTRICITY



Electrical energy



Scopemeters



Multimeter clamps



Digital multimeters



Testers



PORTABLE DEVICES

▶ FLOW



▶ GAS (O₂-CO-CO₂)



▶ HYGROMETRY



▶ INDUSTRIAL IMAGING



▶ MECHANICAL MAINTENANCE



▶ PRESSURE



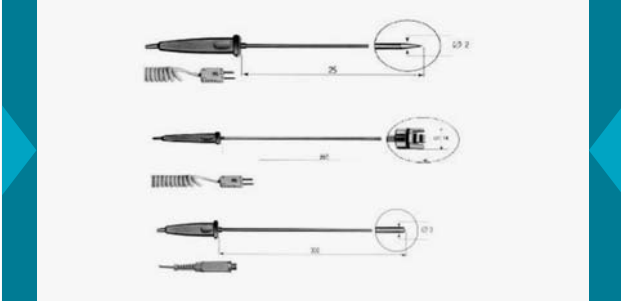
▶ AIR QUALITY



▶ INTRINSIC SAFETY



▶ PORTABLE PROBES



▶ TACHOMETERS/STROBOSCOPES



▶ LASER RANGEFINDERS



▶ THERMAL IMAGING



▶ TEMPERATURE



Contact temperature



Infrared

CALIBRATION



Calibration instruments and equipment for various physical or electrical parameters. Fixed devices for laboratory or portable devices. Precision data-loggers. Associated software.

► PRESSURE



► TEMPERATURE



► LOOP CALIBRATORS



► MULTIFUNCTION DEVICES



► BENCH MULTIMETERS



► DATA ACQUISITION



RECORDERS DATALOGGERS



Mechanical recorders for pressure, temperature, humidity. Data-loggers for one parameter or multiple-channels. Fixed or portable

instruments. For any physical, chemical or electrical parameter. Associated software.

► NEAR FIELD COMMUNICATION (NFC)



► WIRELESS/IOT/LORA



► BLUETOOTH



► USB



► ETHERNET



► EASYBUS



► ST.ST. CASE/IP68



INSTRUMENTATION VALVES



Instrumentation valves, manifolds, isolation valves, traps, fittings, adapters, mounting accessories, dampers. Large stock.

HYGROMETRY



Instruments for the measurement of humidity in air or in materials. Measurement of air quality and gas concentration. Fixed or portable instruments. Recorders or displays.

GAS



Portable gas measuring devices (O_2 , CO, CO_2), portable CO_2 detection devices with alarm system, gas transmitters.

SOFTWARE



Software associated with measuring instruments. Specialized software for the calibration and monitoring of test equipment. Specialized software for archiving large recording and visualization data.

INDUSTRIAL IMAGING



Acoustic cameras and high resolution endoscopes for capturing still images, videos and ultraviolet images. Portable or fixed thermal cameras for preventive maintenance, electrical inspection or continuous collection of

infrared images. High resolution inspection videoscopes.

PH/REDOX CONDUCTIVITY



Instruments for water analysis, pH measurement, conductivity, redox. Portable instruments or transmitters. Displays or recorders.



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