

Products Solutions Services

Endress+Hauser Wetzer – Division Pessano

Company Presentation 9/2015
Giornata studio sulla temperatura



 Associazione Italiana Strumentisti
 ISA Italy Section

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People for Process Automation

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Focus on...TEMPERATURE

E+ H provides instruments and systems for process control in the field of:

- Level measurement
- Flow measurement
- Pressure measurement
- **Temperature measurement**
- Liquid analysis
- Data acquisition
- Sampling
- Products
- Markets
- Applications

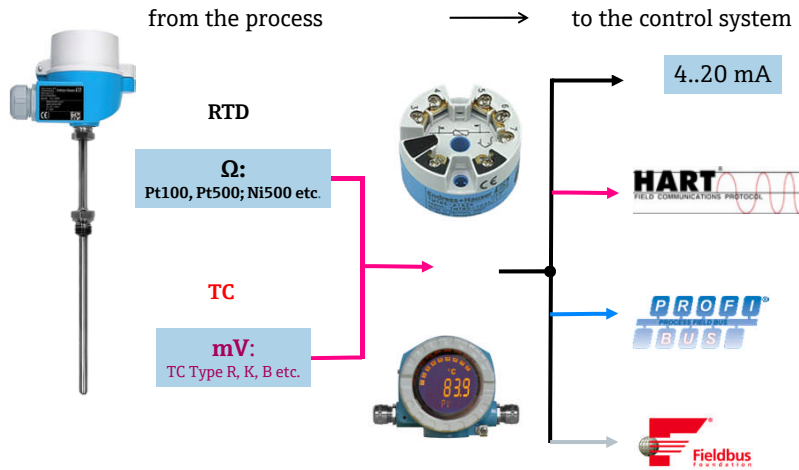


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Temperature measurement



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Temperature Transmitters and Thermometers for Industries

Universal



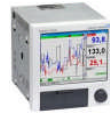
Oil & Gas



Power & Energy



Water & Wastewater



Chemical



Food & Beverages



Life Sciences



Primaries



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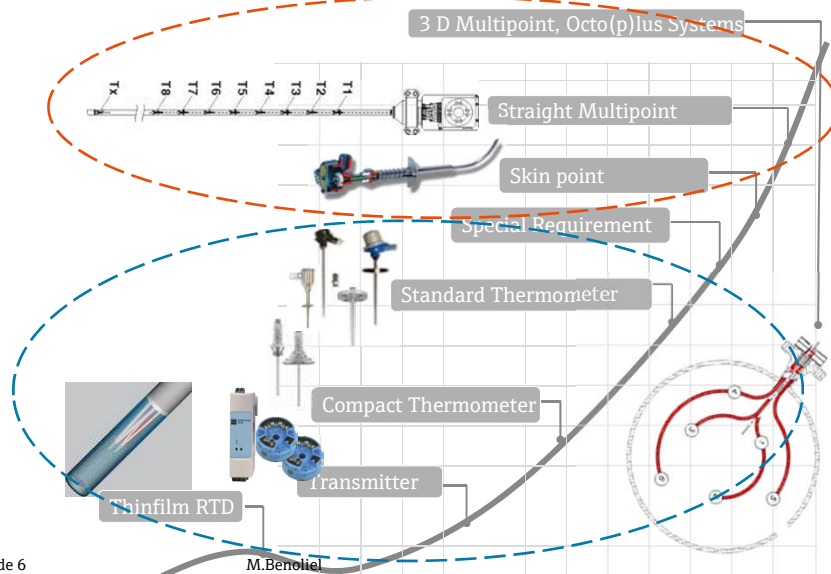
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Temperature from Mikro to Makro



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Production Processes

■ **Key Production Processes in our Company are:**

- Machining
- Welding
- Insert construction
- Assembly
- Special Sensors

■ **Key Support Processes are:**

- Quality (Calibration & Testing)
- Logistic Processes

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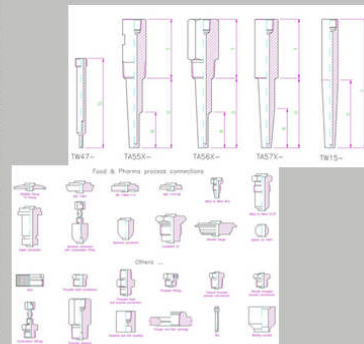
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Machining Department



TECHNOLOGY

Stock bar gun drilling (up to 1300 mm)
 Stock bar TW CNC turning (up to 1500 mm)
 Flanges for hygienic applications CNC turning
 Process connection/adaptors CNC Turning

ADDITIONAL PROCESSES

Material Identification and Traceability
 Laser marking
 High Pressure Washing for Machined Parts

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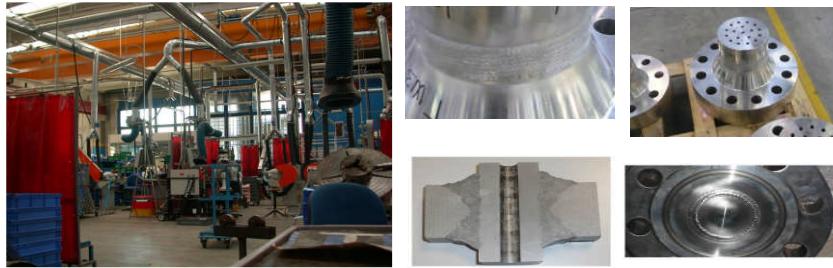
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Welding Department



Technology

Tig
Mig/Mag
Semiautomatic Tig
Microplasma welding
Soldering
Capacitive Discharge Welding
Laser Welding

Additional Processes

Cleaning and polishing
Heat treatment and surface finishing
Teflon Coating
Swaging
Laser Marking

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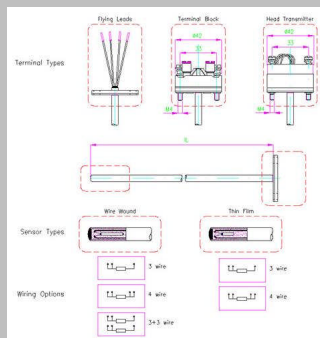
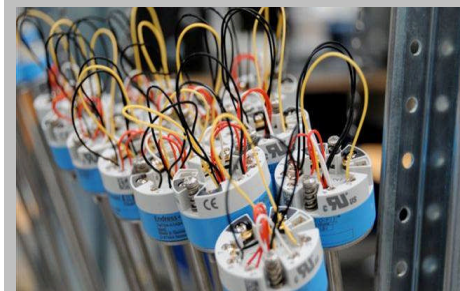
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Insert Construction



3/6 mm "direct" construction

6 mm "reverse" construction

Atex eex ia construction

Material identification and traceability

Laser marking

0°C testing

Electrical insulations tests

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Assembly lines for Standard Products



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Special Sensors Department



During the years the department was re-configured changing material flow, working positions, creating dedicated area for large (or long) sensors and equipped with a dedicated smoke/dust extraction and welding gas distribution.

Concerning special sensors for Oil&Gas applications (multipoint), a **specific line was installed** taking into consideration the prerequisite of handling and test cycles.

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Quality

Quality supports production processes and customer requirements with a wide number of activities and analysis which can be grouped as follows:

- **Quality system** maintenance and **notified bodies** management
- **Product** and **Process** Audits
- Temperature **calibrations** and **functional tests** on sensors with **certification** issue
- **Metallurgical** and **non destructive** laboratory test on materials with **certification** issue
- Customer **returns** analysis and support

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Products

Solutions

Services

Thank you very much for your attention



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