

Training Classes with Hands-on Experience

Pressure & Temperature Fundamentals & Configuration

The Application Training Center

Your competent partner for application training in process automation.

The ATC provides

- Training with extensive hands-on experience
- Training under real process conditions
- Learning in small groups
- A didactical proven concept

Our training under real process conditions guarantees sustainable training success.

Location

The Application Training Center is located in Reinach, Switzerland.

Profit from a 'hands on experience' with training courses from the Application Training Center.



Hands-on lessons under real process conditions guarantee the best learning results

Select, configure analyze and calibrate pressure and temperature measuring principles for different applications.

Course content Introduction to the basics of the most common pressure and temperature measuring principles and device configuration as well as operational parameters.

Installation suggestions for different pressure and temperature measurement principles will be discussed.

The right selection of the correct pressure and temperature measuring devices is also part of this training as well as the influence of the application and process conditions on the measurement stability.

Learn furthermore device calibration for temperature and pressure sensors.

Key benefits Participants will understand: Absolute versus relative or differential pressure with either ceramic or metallic measuring cells.

Temperature measurement with resistor and thermocouple sensors.

The participants learn to configure pressure and temperature measuring devices either on-site or remote with FieldCare and understand typical applications as well as related measuring problems.

Process disturbances and how these disturbances effect the measurement accuracy are discussed.

Participants will become an awareness for the importance of application and process conditions for the measuring accuracy.



Experience real process conditions with our training rigs

Focus topics

- Introduction to different pressure measurement principles like absolute, relative, differential pressure
- Ceramic versus metallic pressure cells
- Introduction to different temperature sensors like resistor and thermocouple
- Typical applications for each measuring principle
- Installation suggestions
- Device calibration

Target group Anyone who is interested in pressure and temperature measurement technologies as well as maintenance and project engineers for pressure and temperature applications

Working methods A combination of presentations and workshops, hands-on training in small groups (max. 4)

Minimum participants for a course: 4

Language English

Time

1. Day from 09:00am to 05:00pm
2. Day from 09:00am to 05:00pm

Location

Endress+Hauser Consult AG

Sales Support

Application Training Center

Kaegenstrasse 18

CH-4153 Reinach / Switzerland

Participation fee 1,600.- CHF

(including lunch and refreshments during coffee break)

Registration Online on

www.endress.com or through email:

atc@consult.endress.com

Training topics may be subject to change in case of technical reasons

Application Training Center

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