Basic Pressure
Pressure Measurement
Z205e – Web-based training (External version)

Course duration
2.0 hours, depending on personnel knowledge

Course type
This is a web-based training course. The course includes self-study material and self-assessment questions. The language of the course is English.

Course goal
The goal of this course is to introduce the basics of the pressure measurement.

The training covers the following topics:
- Basics pressure
- Basics transmitters
- Product portfolio & technology
- Applications
- Codification (for seals / transmitters)

Course objectives
Upon completion of this course, students will be able to:
- What is pressure?
- Pressure terminology
- Why measure pressure?
- Deriving non-pressure variables
- Describe pressure transmitter components and functioning
- Understand and explain the different sensor technologies
- Explain terminology
- Summarize diaphragm seals working principle, configuration and characteristics
- Describe manifolds
- Have a clear idea of the principle of operation of model 268 safety transmitter
- Detail 266 sensor technologies, performances and functionalities
- Explain multivariable transmitter functioning
- Understand what the main industries are and where ABB is focused to
- Identify the most important areas for pressure measurement in those industries
- Explain the features of ABB pressure transmitters particular for different applications
- Explain the Diaphragm Seal working principle
- Understand when diaphragm seals are required
- Identify common applications
- Avoid common configuration mistakes
- Calculate the error and improve installed performance

Student profile
All ABB stakeholders (customers, universities, partners, …)

Contact
>>>Mailto
www.abb.com/measurement
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