

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:

- Basic Pressure Products
- Basic Transmitter Training
- Applications

Student profile

All ABB stakeholders (customers, universities, partners, ...)

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 what are the pressure transmitter main components and their relevant functioning
- Understand what are the four different sensor technologies
- Explain pressure transmitter-related terminology
- Summarize diaphragm seals working principles, configuration and give details of main characteristics
- Describe manifold functions
- Understand on which main industries ABB is focused
- Identify the most important areas for pressure measurement in those industries