

SwirlMaster

Flow Measurement

Z261e – Web-based training (External version)

Course duration

1.0 hour, 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

This course gives an overview of the ABB's SwirlMaster. The applications section now offers an extensive guide about the different operation modes featured by FSS430 and 450 electronics.

The training covers the following topics:

- Technical principles
- Product portfolio & technology
- Applications

Student profile

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

Course objectives

Upon completion of this course, students will be able to:

- Recall the measurement principles of Swirl flowmeters
- List reasons for the use of Swirl flowmeters
- Analyze the different application requirements and identify possible measurement principles
- Recognize the main parts of Swirl flowmeters and the benefits of the common parts used
- Specify the different options such as explosion protection, temperature compensation, HART and analog input and communication types
- Describe multi-sensor devices and their advantages
- Identify the most important areas for Swirl flow measurement in the BU target and all other industries
- Explain the features of ABB's Swirl flowmeters that make them particularly suitable for the individual applications
- Recognize the different operation modes and assigned applications