

Introduction to HART Communications

OEM: Rockwell Automation • Duration: 1 Day (8 hrs) • Code: ICS-115

COURSE MODULES & TOPICS

Objectives

- Identify and discuss the components of a HART communicator
- Demonstrate connection methods to field devices
- Demonstrate how to properly setup and calibrate field devices

Prerequisites

- Knowledge of basic electrical concepts

Student Materials

- Student Manual includes the key concepts, definitions, examples, and activities presented in this course
- Lab Guide includes the hands-on exercises

Next Level Learning

- Differential Pressure Cells course (ICS-300)
- Level Detection course (ICS-305)
- Flow Detection course (ICS-310)
- Temperature Detection course (ICS-315)

Course Agenda

- Introduction
- HART communication protocols
- Connecting HART communicator to instruments
- Setup of HART compatible instruments
- Calibration of HART compatible instruments
- Review
- Final exam

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