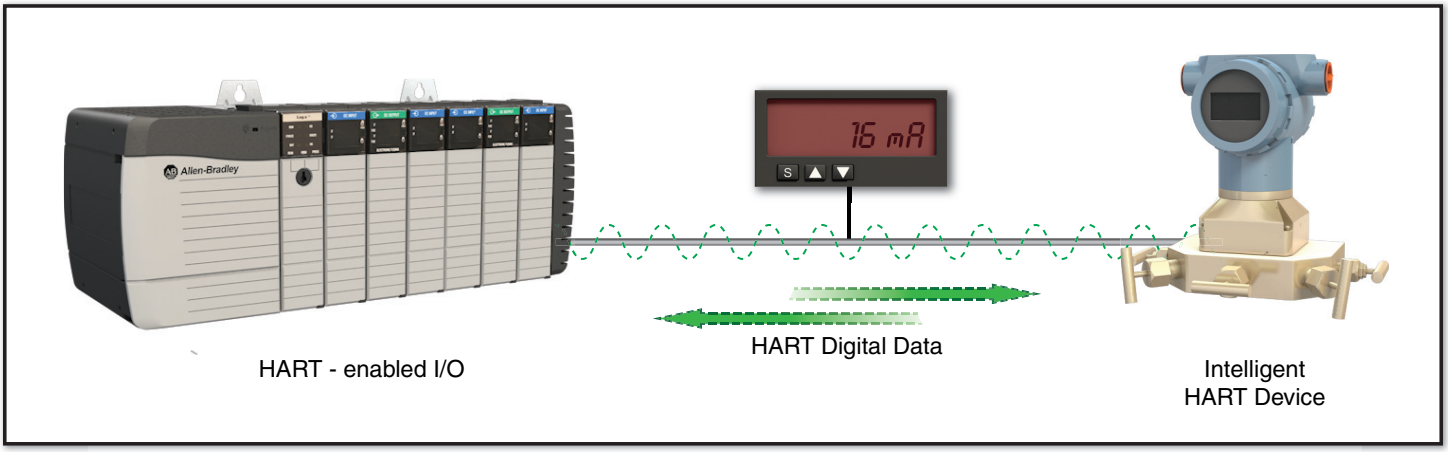
HART Process Control 1 Learning System

T5552-H1

PC
PROCESS CONTROL



Example of Typical HART Process Control Application (Items not Included)

Learning Topics:

- HART Components
- HART Networks
- Networking Methods
- Existing System Integration
- HART Device Descriptions
- Calibrating HART Devices
- Monitoring Current Loops
- Operation of a Process Control Loop
- Engineering Units
- Burst Mode on a Parked Field Device

Amatrol's T5552-H1 Hart Process Control 1 Learning System connects to the Amatrol's T5552A Level/Flow Process Control Learning System to teach one of the most commonly used communication protocols. The HART (Highway Addressable Remote Transducer) protocol is a powerful technology that has widespread use because it has backward compatibility that lets smart sensors digitally communicate on existing 4-20 mA control wires without harming analog signals.

Using the T5552-H1, learners will practice valuable hands-on skills such as configuring and installing a HART interface, using a HART field device to verify the integrity of a process control loop, measure flow and calibrate a differential pressure flow transmitter using HART software, and many more industry skills! The T5552-H1's highly interactive multimedia curriculum allows learners to study the theoretical aspects of HART and then follow along with step-by-step explanations of hands-on skills. Topics include HART networks, existing system integration, and calibrating HART devices and monitoring current loops.

Technical Data

Complete technical specifications available upon request.

HART PC Software
HART Modem (usb to 4-20ma interface)
Storage Case for Modem
Multimedia Curriculum (M33334)
Instructor's Guide (C33334)
Install Guide (D33334)
Student Reference Guide (H33334)
Additional Requirements:
Personal Computer
T5552A Level/Flow Process Control Learning System
T5552-F1 Smart Flow Transmitter Learning System
Either T5552-F1A, B, or C Flow Transducer
Utilities:
Electrical (120V/60Hz)

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