



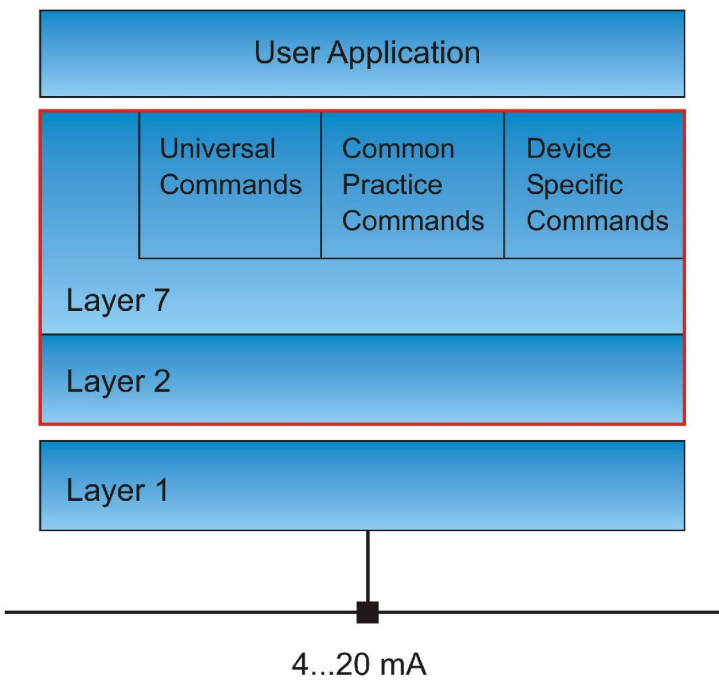
HART[®] Slave Library

Overview

The HART slave library provides the developer of the field-bus device with access to all features and services defined in the HART Field Communications Protocol Specification Revision 6.0 from April 2001.



Block Diagram



Technical Data

- Burst Mode
- Delayed Response
- Block Transfer
- Catching Variables
- Extended Command Numbers
- Extended Polling Addresses
- Multi Drop Mode
- Measurement Value Qualifier
- ANSI-C
- Documented source code
- Example code

Technology

With HART it is possible to establish a digital communication onto an analogue 4 to 20 mA signal. The hardware required only needs a few controlling by software. So it is possible to develop a generic HART slave device driver and adapt it to any microcontroller. Using a table it is easy to implement new device specific commands or adapt existing commands. Furthermore a lot of macros will help the developer to integrate the driver into his application.



Delivery Capacity

Documented Source Code, Developer Guide, Reference Guide, Usage Example. Data Link Layer plus Universal and Common Practice Commands.

Order Information

No. 21001