

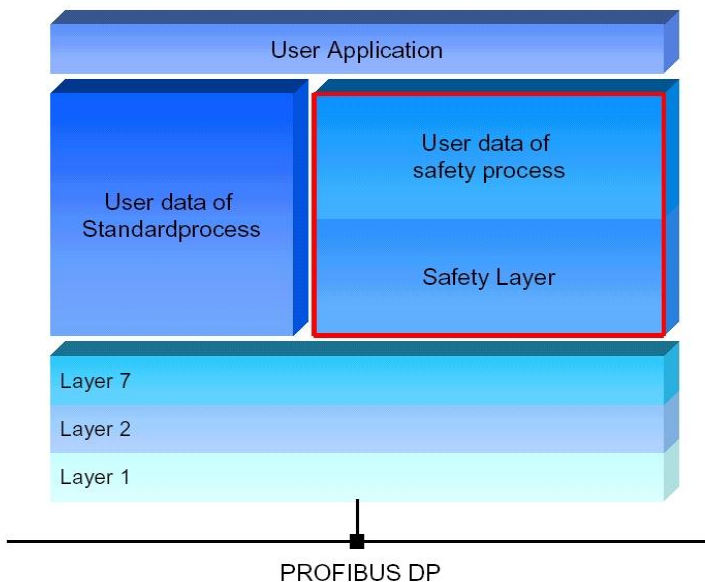
PROFIBUS PROFIsafe Slave Library

Overview

The PROFIBUS PROFIsafe library for slave devices provides the developer of the fieldbus device access to all features and services defined in the profile Version 1.3.



Block Diagram



Technical Data

- parameterization check
- configuration check
- diagnosis interface
- redundancy
- supports all profile data types
- ANSI-C
- TÜEV-verification of safety driver
- documented source code
- example code
- used μ C

Technology

Concerning the variety of size of the Protocol Data Unit (PDU), the Cyclic Redundancy check (CRC) is configurable 16-/32-bit. The usage of tables will make the calculation of the CRC very efficient. Furthermore a lot of macros will help the developer to integrate the driver into his application.

Delivery Content

- PROFIsafe slave library
- Documented source code
- Developer guide
- Application examples
- GSD example



certified IEC 61508-SIL3



Order Information

No. 22002