FieldConnex® PROFINET/PROFIBUS-PA Gateway Driver Library for PCS7

The FieldConnex® PROFINET/PROFIBUS-PA gateway driver library by Pepperl+Fuchs enables simple connection of the gateway HD2-GTR-4PA.PN and the Power Hub to the control system PCS7 via PROFINET. It automatically maps process, status and diagnostic data of all PROFIBUS PA instruments into PCS7. Engineering is transparent utilizing standard APL function blocks while at the same time implementing the popular behavior of PROFIBUS PA diagnostic data in PCS7. This custom library supports driver wizard functionality and properly maps diagnostic data into SIMATIC WinCC. The documentation included is in English language.

The PCS7 driver blocks ensure consistency of engineering and thus eliminate manual configuration, saving valuable time and engineering resources. License cost is fixed per plant thus reducing financial risk. Siemens hotline support is included.

Supported functions and features

- Implementation of HD2-GTR-4PA.PN gateway in a non-redundant S7-400 CPU or redundant S7-400-H CPU system
- Driver wizard functionality
- Engineering with standard APL function blocks, e.g. FbAnIn, FbAnOu, FbDiOu …
- SIMATIC WinCC diagnostic integration for gateway and PROFIBUS PA devices
- English documentation

User benefits

- Simple and consistent engineering
- Integration including configuration and diagnostics of any PA instrument in PROFINET
- Same application behavior for PA devices mapped via PROFINET
- Simple configuration and diagnostic of the gateway itself
- Tested and approved by Siemens development teams
- Hotline and support from professional support team
The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

Order Information

Order code, MLFB: 9AE4110-1AA20

One license copy is valid for one plant or multiproject.