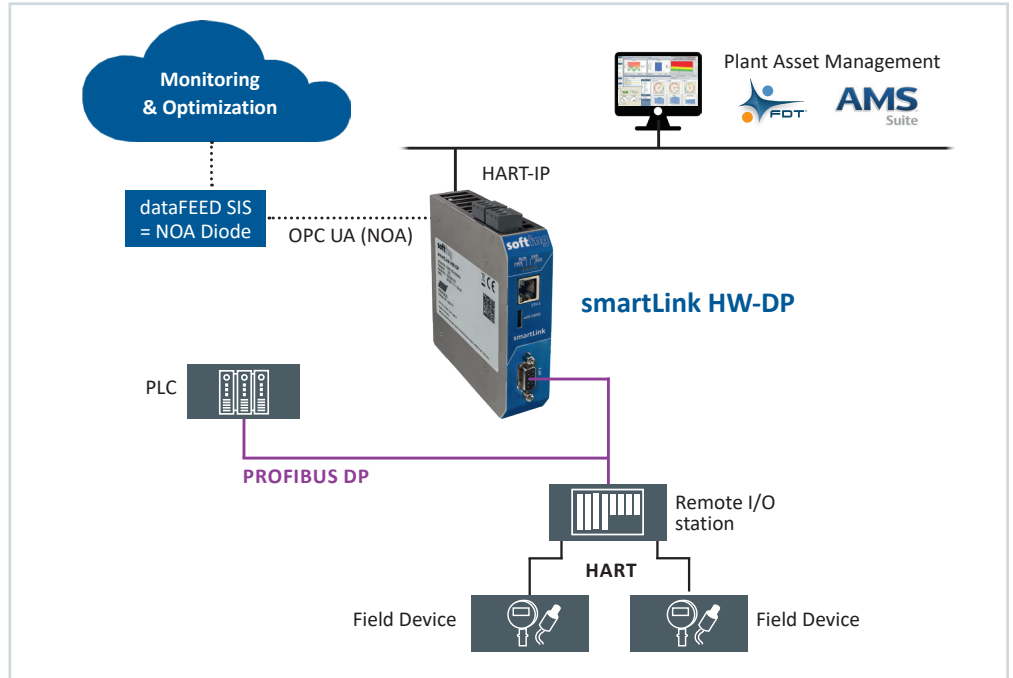


smartLink HW-DP

Industry 4.0 connectivity for new and existing PROFIBUS DP networks

- PLC Independent access to PROFIBUS DP networks
- Integration without interference with the operation of existing installations
- Compatible with products of leading device manufacturers



Configuration, Parameterization and Plant Asset Management Using Standard Industry Tools

- Independent of configuration tools
- Centralized and time-saving parameterization of PROFIBUS and HART field devices directly from the control room
- Access to Plant Asset Management applications for field devices configuration based on FDT / DTM and EDDL standards (acyclic master)

Direct Connectivity to PROFIBUS Segments

- Single access point to PROFIBUS DP segment from Industrial Ethernet networks
- Acts as PROFIBUS DP master class 2
- Support of one PROFIBUS DP segment

Key Component for Transition to State-of-the-Art Technology

- Re-use of existing PROFIBUS segments without requiring modification
- Access to cyclic and acyclic data via HART-IP and OPC UA

smartLink HW-DP

Technical Data

| | | |
|----------------------------------|---------------------------------|--|
| Hardware | Processor | Altera Cyclone V SoC with dual-core ARM Cortex-A9 |
| | Status LEDs (Gateway) | RUN (operation), CFG (configuration and update), ERR (error) |
| Interfaces and Connectors | Ethernet | IEEE802.3 10BASE-T/100BASE-TX/1000BASE-T RESTful API interface for device configuration |
| | PROFIBUS DP-V0 / V1 | 1 Segment with RS485 Physical Layer, Connector: 9-pin Sub-D socket |
| Physical Properties | Dimensions (H x W x D) | 100 mm x 22.5 mm x 115 mm |
| | Weight | Approx. 200 g |
| | Power Supply | 18 VDC ... 32 VDC; SELV/PELV power supply mandatory Typical input current: 200 mA, maximum input current: 1 A (allowing for in-rush current at switch-on) |
| | Typical Power Loss | 5 W |
| | Operating / Storage Temperature | -40 °C ... +65 °C / -40 °C ... +85 °C (see detailed mounting description in user manual) |
| | Relative Humidity | 10 % ... 95 %, non-condensing |
| | Cooling | Convection, no fan |
| | Mounting | DIN rail 35 mm |
| | Protection Class | IP20 |

Scope of Delivery

| | |
|---------------|-----------------|
| Hardware | smartLink HW-DP |
| Documentation | On Website |

Order Numbers

| | |
|---------------|---|
| GEA-YN-026000 | smartLink HW-DP , Access to PROFIBUS networks via Ethernet. Supports 1 PROFIBUS DP segment (RS485). |
|---------------|---|

Additional Products and Services

| | |
|---------------|---|
| LRL-DY-134501 | dataFEED OPC Suite , Version 4.01 and higher, including all supported PLC protocols, support for OPC UA, access for any number of dataFEED OPC Tunnel Clients, for simultaneous access to a total of up to 100 OPC UA Servers, OPC Servers and OPC Tunnel Servers, and many more Functionalities such as Database and File Access, Data Exchange, Optimizer, Concentrator and Bridge |
| LRL-DY-14000 | dataFEED Secure Integration Server , Version 1.01, single user license for up to 10 OPC UA connections, including care and support contract for 1 year |
| LRA-NN-027001 | smartPlus PB , Licensing access to one PROFIBUS device for smartLink/smartGate |
| LRA-MM-027002 | smartPlus HT , Licensing access to one HART device for smartLink/smartGate |

Your local Softing contact:

<http://industrial.softing.com>

optimize!
softing