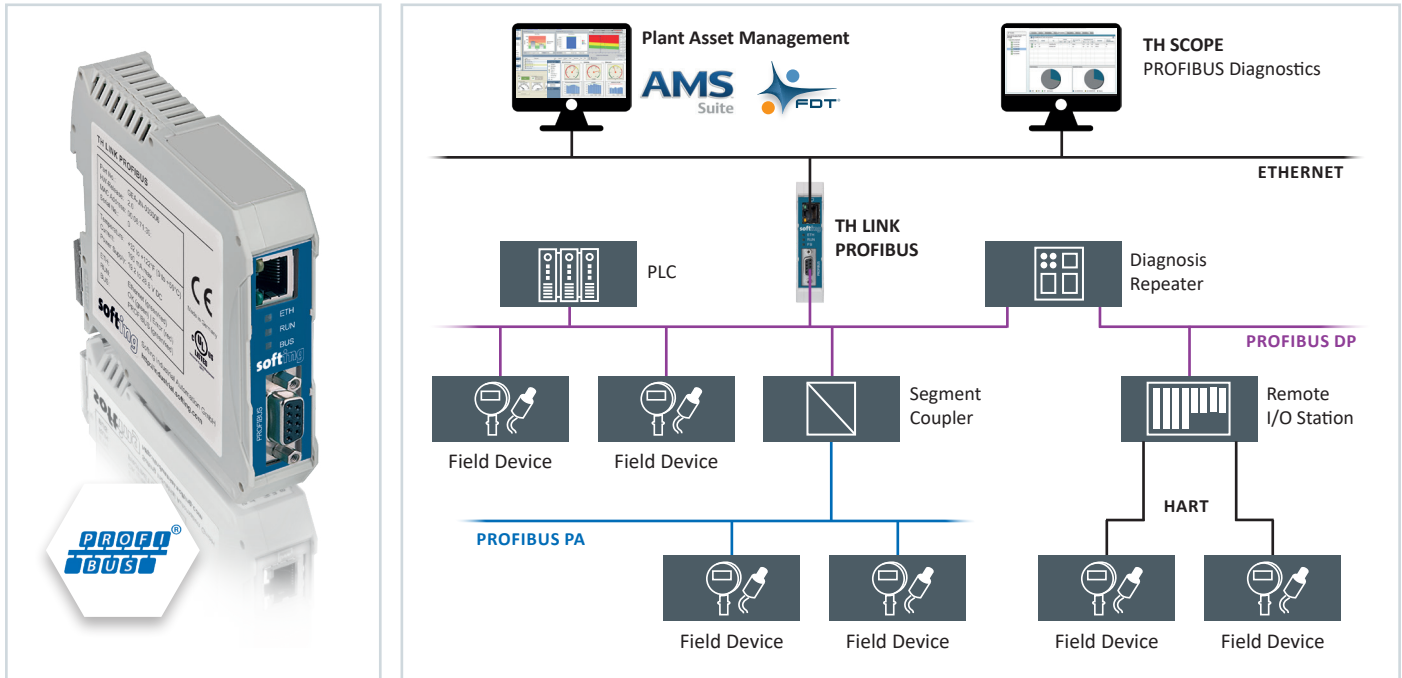


# TH LINK PROFIBUS

PROFIBUS Diagnostics and PROFIBUS Access for Plant Asset Management applications

- Controller-independent Access to PROFIBUS DP Networks
- Integration into Existing Systems without Interfering with the Operation
- Stationary Monitoring of PROFIBUS Networks



## Independent Access to PROFIBUS Network

- Independent of configuration tools
- Access for plant asset management applications to configure field devices based on FDT/DTM and EDDL standards (acyclic master)
- Central and time-saving parameterization of PROFIBUS and HART field devices directly from the control room

## Designed for Installation without Interference with Plant Operation

- Connection to PROFIBUS network also possible during operation of the plant
- Easy integration into existing plants thanks to compact design
- Browser access for administration and configuration purposes

## Powerful Data Collection Capabilities Optimized for PROFIBUS

- Permanent monitoring and troubleshooting for PROFIBUS networks
- Passive listening to PROFIBUS DP protocol
- Threshold monitoring for frame retries
- Statistics for optimization of the network configuration
- Easy detection of missing terminating resistors
- Fault identification with intelligent troubleshooting assistance
- Seamless integration with TH SCOPE diagnostics software

# TH LINK PROFIBUS

## Technical Data

|   |   |
|---|---|
| Functionality                                 | <ul style="list-style-type: none"><li>• Network detection and data collection (PROFIBUS DP)</li><li>• Acyclic master (PROFIBUS DP-V1)</li><li>• Alarm notification in case of fault</li><li>• Basic monitoring, configuration</li><li>• Integrated web server</li></ul> |
| Supported Plant Asset Management Applications | e.g. Endress+Hauser FieldCare, Emerson AMS Suite, Yokogawa Fieldmate, PACTware  |
| PROFIBUS Transmission Rate                    | <ul style="list-style-type: none"><li>• max. 12 MBit/s (AMS Device Manager, FDT)</li><li>• max. 1.5 MBit/s (TH SCOPE)</li></ul>   |
| Input Voltage                                 | 24 VDC (19.2 VDC ... 28.8 VDC)  |
| Current Consumption                           | max. 190 mA   |
| Operating Temperature                         | 0 °C ... 50 °C  |
| Ethernet Port                                 | RJ45 (10 Base-T / 100 Base-TX)  |
| PROFIBUS Port                                 | EIA-485 (formerly RS-485)   |
| Mounting                                      | 35 mm DIN rail  |
| Dimensions (H x W x D)                        | 22.5 mm x 99 mm x 114.5 mm  |
| Weight  | 120 g   |
| Certifications                                | CE  |

## Scope of Delivery

|               |  |
|---------------|--|
| Hardware      | TH LINK PROFIBUS                                 |
| Documentation | Installation Manual, Release Notes (by download) |

## Order Numbers

|               |                  |
|---------------|------------------|
| GEA-JN-003006 | TH LINK PROFIBUS |
|---------------|------------------|

## Additional Products and Services

|               |                                     |
|---------------|-------------------------------------|
| LRA-JY-003024 | TH SCOPE (software key)             |
| LRL-JY-003025 | TH SCOPE (hardware key)             |
| LRA-NN-021980 | DTM Library                         |
| VAA-YY-023000 | PACTware                            |
| VAA-NM-023001 | TACC                                |
| TRA-PB-TECH   | Training "PROFIBUS Technology"      |
| TRA-PB-TS     | Training "PROFIBUS Troubleshooting" |

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