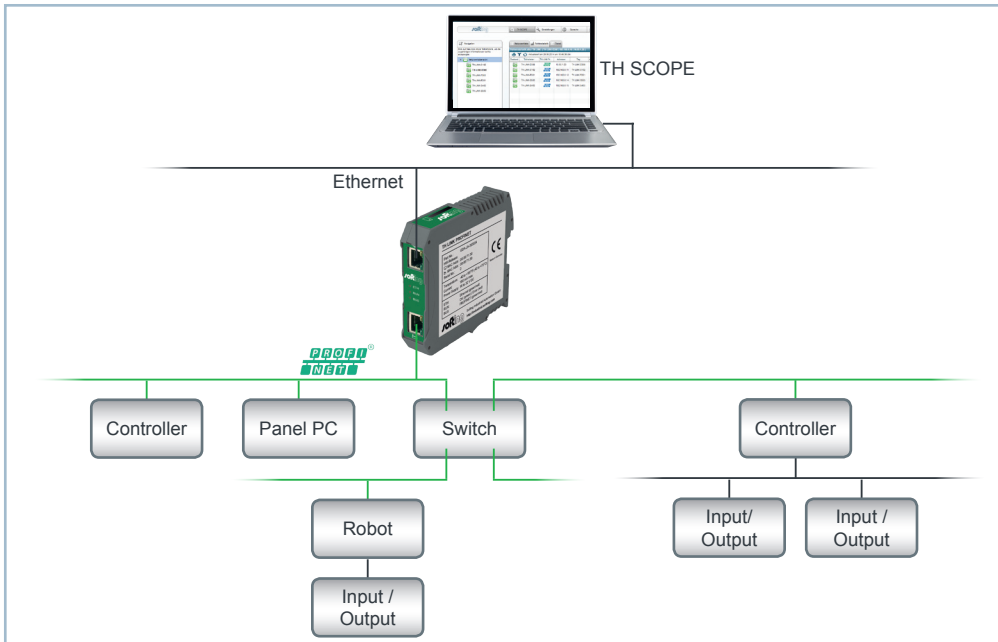


# TH LINK PROFINET

## PROFINET Network Diagnostics Independent from Controller and Control Room

The TH LINK PROFINET diagnostics tool makes use of a controller-independent access to monitor PROFINET networks. The diagnostic data is collected in networks comprising up to 254 nodes, and made available to users through the TH SCOPE software application. TH LINK PROFINET is easy to use and can be integrated without interfering with the operation of existing installations.



### Independent Access to PROFINET Network

- > Controller-independent
- > Independent of configuration tools
- > Only one tool needed to monitor multiple IP subnetworks (up to 254 nodes, one or more controllers)

### Designed for Installation without Interference with Plant Operation

- > Connection to free port in PROFINET network, also possible during operation of the plant
- > No need to install TAPs or use mirror ports
- > Highest security (separate accesses for control room level and plant level, no routing)
- > Easy integration into existing plants thanks to compact design

### Powerful Data Collection Capabilities Optimized for PROFINET

- > Collection from PROFINET devices and other nodes (e.g. PCs or camera systems)
- > PROFINET supervisor in PROFINET networks
- > Network load limit according to PROFINET guidelines

### Optimized for Use by Maintenance Engineers

- > Suitable for network acceptance testing, continuous monitoring and troubleshooting
- > Easy and intuitive handling and operation
- > Fault identification with intelligent troubleshooting assistance
- > Seamless integration with TH SCOPE diagnostics software

## Technical Data

|                                   |  |
|-----------------------------------|--|
| Functionality                     | <ul style="list-style-type: none"><li>• Network detection and data collection (active/passive for PROFINET networks)</li><li>• Alarm notification in case of fault</li><li>• Basic monitoring, configuration</li><li>• Integrated web server</li></ul> |
| Input Voltage                     | 24 VDC (18 VDC ... 32 VDC)   |
| Current Consumption               | max. 180 mA  |
| Current Consumption Relay Contact | max. 100 mA  |
| Operating Temperature             | -40 °C ... +75 °C  |
| Relative Air Humidity             | 5 % ... 95 % (non-condensing)  |
| Ethernet Ports                    | RJ45 (10Base-T / 100Base-TX)   |
| Supported SD Cards                | See Release Notes  |
| Mounting                          | 35 mm DIN rail   |
| Dimensions (HxWxD)                | 22,5 mm x 99 mm x 114,5 mm   |
| Weight                            | 120 g  |
| Certifications                    | CE   |

## Scope of Delivery

|               |   |
|---------------|---|
| Hardware      | TH LINK PROFINET                                |
| Documentation | Installation Manual, Release Note (by download) |

## Order Numbers

|               |                  |
|---------------|------------------|
| GDA-JA-003034 | TH LINK PROFINET |
|---------------|------------------|

## Additional Products and Services

|                |   |
|----------------|---|
| LRA-JY-003024  | TH SCOPE (software key)                               |
| LRL-JY-003025  | TH SCOPE (hardware key)                               |
| LRA-JY-003028  | TH LINK PC Industrial Ethernet (software key)         |
| LRL-JY-003029  | TH LINK PC Industrial Ethernet (hardware key)         |
| GDA-JY-003037  | TH LINK Industrial Ethernet                           |
| TRA-PN-TECH    | Training "PROFINET Technology"                        |
| TRA-PN-CERTENG | Training "PROFINET Commissioning and Troubleshooting" |



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