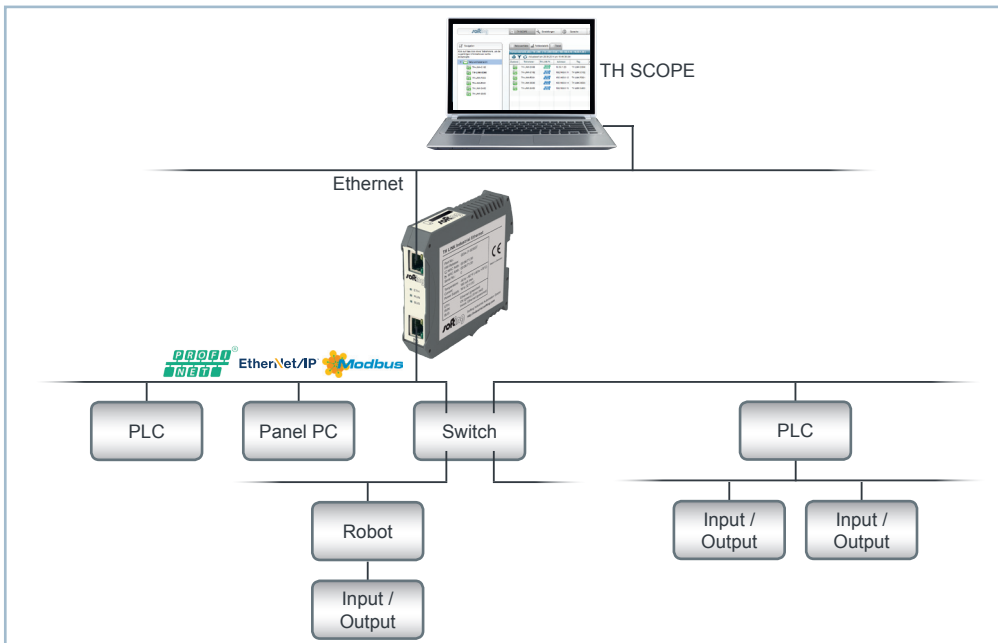


# TH LINK Industrial Ethernet

## PROFINET, EtherNet/IP and Modbus TCP Network Diagnostics Independent from Controller and Control Room

The TH LINK Industrial Ethernet diagnostics tool makes use of a controller-independent access to monitor PROFINET, EtherNet/IP and Modbus TCP 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 Industrial Ethernet is easy to use and can be integrated without interfering with the operation of existing installations.



### Independent Access to PROFINET, EtherNet/IP and Modbus TCP Networks

- > 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 industrial 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 Ethernet-Based Industrial Communication

- > Support of the PROFINET, Ethernet/IP and Modbus TCP protocols
- > Collection also from standard Ethernet devices (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)</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 (10 Base-T / 100 Base-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 Industrial Ethernet
Documentation	Installation Manual, Release Note (by download)

## Order Numbers

GDA-JA-003037	TH LINK Industrial Ethernet
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## 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)
TRA-PN-TECH	Training "PROFINET Technology"
TRA-PN-CERTENG	Training "PROFINET Commissioning and Troubleshooting"



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