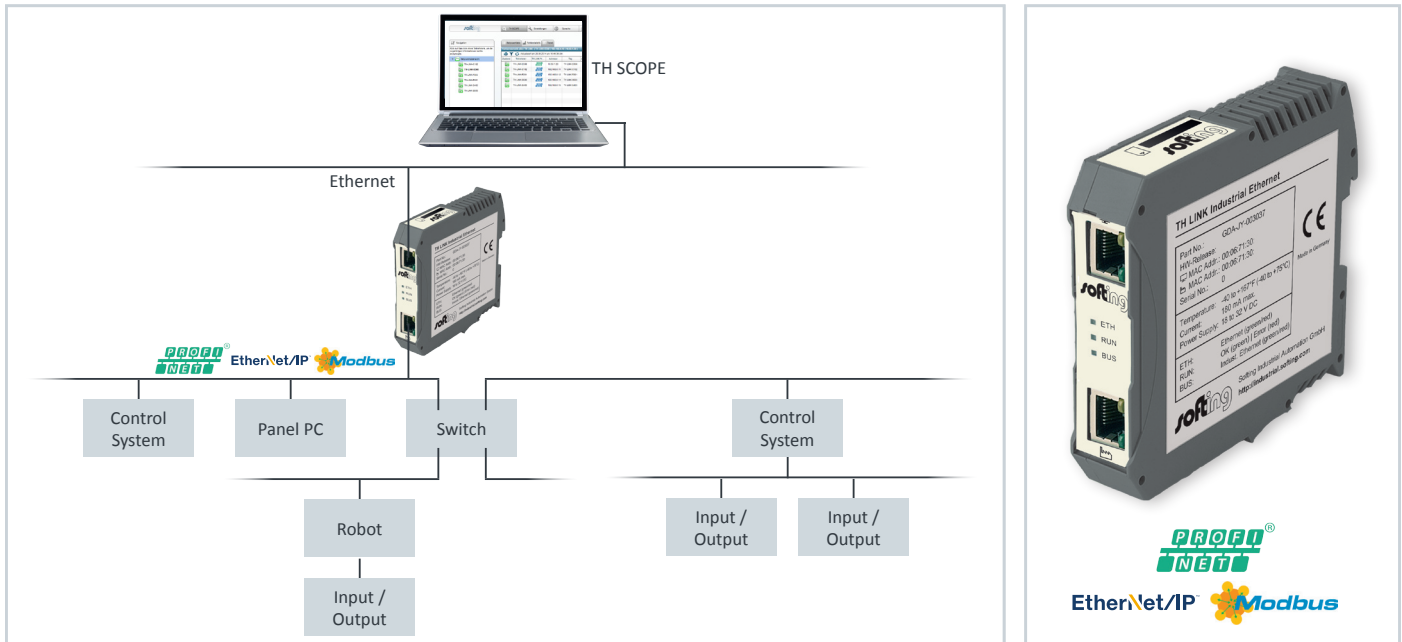


# TH LINK Industrial Ethernet

## Efficient Network Maintenance and Diagnostics for Industrial Ethernet Networks (PROFINET, EtherNet/IP, Modbus TCP)

The TH LINK Industrial Ethernet diagnostics hardware provides controller-independent access for monitoring industrial networks using PROFINET, EtherNet/IP or Modbus TCP protocols. TH LINK devices collect the diagnostic data in networks comprising up to 254 nodes, and make them available to users through the TH SCOPE software application. TH LINK Industrial Ethernet is an easy-to-use hardware interface that suits the needs of industrial maintenance personnel.



### Plant Integration

- Controller-independent network access
- Interference-free integration into any port available in Ethernet networks (even during plant operation)
- Satisfying highest security requirements (no routing, separate access for control center and plant level)
- Network load limited according to PROFINET guidelines
- Easy integration into existing plants thanks to compact design

### Powerful Data Collection

- Data collection for networks with up to 254 nodes (e.g. controllers, IP subnets)
- Operating as supervisor in existing PROFINET networks
- Seamless integration with TH SCOPE software for data visualization, data monitoring and plant asset management
- Easy to use web interface for configuration
- Quick and comprehensive network overview
- Data collection also from standard Ethernet devices (e.g. PCs or camera systems)

### Tailored Solution for Maintenance Staff and Plant Operators

- Suitable for network acceptance testing, monitoring and troubleshooting
- Intuitive handling and operation
- No configuration / engineering required
- Fault identification with intelligent troubleshooting assistance

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## Technical Data

Functionality	<ul style="list-style-type: none"><li>• Network detection and data collection</li><li>• Alarm notification in case of fault</li><li>• Basic monitoring, configuration</li><li>• Integrated web server</li><li>• Configurable blacklist feature for robust operation</li><li>• Comprehensive network overview for quick and easy observation</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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