Industrial ETHERNET Network Infrastructure
The new WAGO 852 series of products, ranging from simple ETHERNET switches to configurable ETHERNET communication multitalents, provides comprehensive and scalable network infrastructure solutions for all industries.

For additional information, see our online catalog at www.wago.com and our I/O Systems and Interface Modules Full Line Catalogs, Volume 3 and Volume 4.
Can Be Combined with Fiber-Optic Cables

Vehicle the Right Solution

ETHERNET via fiber optic cables offers a multitude of advantages for industrial applications. High immunity to interference, electrical isolation, and long ranges are important parameters here. The whole thing is compatible with the IT world and, thanks to changeable SFP modules, can be adapted to the required distances and standards.

There are SFP modules for multimode and single mode fiber-optic cables for ranges up to 30 km.

With the optimal combination of copper and fiber-optic cables, equipped for a multitude of requirements.

SFP Modules

- Full managed
- Ring redundancy < 50 m
- Web-based management
- SNMP, QoS, VLAN
- Port mirroring
- Port trunking
- Cable test

This configurable ETHERNET multi-talent offers many setting and configuration possibilities such as:

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The new line of switches from WAGO ensure the scalability of your network infrastructure with outstanding electrical and mechanical characteristics. These robust devices are designed for industrial use and they are fully compliant with IEEE802.3, 802.3u. They have function monitoring and redundant voltage supply with a supply-voltage range of 9–48 V. Alarm functions are enabled via DIP switch. Characteristics such as auto negotiation and auto MDI/MDIX (crossover) on all 10/100 BaseTX ports are also realized, as is a store-and-forward switching mode.

7-port 100 BASE-TX+2 slot 100 BASE-FX Industrial Switch, 852-104
Network Infrastructure with High Availability
Thanks to Redundancy

The configurable WAGO switch has several possibilities for forming redundant network structures:
• Spanning Tree according to IEEE 802.1D, compatible with IT standard
• Jetring – a simple ring protocol with a reconfiguration time of <300 ms
• Xpress Ring – fast ring protocol switching time <50 ms

For the monitoring and reporting of errors, the 852-104 Manageable Switch has configurable functions such as e-mail alarm and SNMP traps. In addition to the configurable functions on the switch, a redundant voltage supply is integrated into all 852-104 Switches; it can also be monitored with the help of an alarm relay.

RJ-45 Connector, 750-795
Versatile RJ-45 connector for industrial, office and building wiring

RJ-45 Interface Modules, 289 Series
ETHERNET interface modules with variable shield (screen) connections. Several versions are available for different types of applications.