

ETHERLINE® GUARD

Device for monitoring the cable status

Stationary monitoring device to monitor the service life and performance of a data cables at risk of failure.

Info

compact design



Supplementary automation components from Lapp



Mechanical and plant engineering

Benefits

Increase in system availability through predictable downtimes - reduced maintenance costs.

Easy start-up with automated parameterization ("teach-in" in a few seconds).

Does not require a new data line or changes to the cable design; Retrofitting into the existing network structure is possible at any time.

Reliable IIoT communication thanks to the MQTT interface (for status / data evaluation, settings, WLAN configuration, updates, etc.).

Application range

For monitoring the service life of a data cable at risk of failure (e.g. function-critical data cable in dynamic applications).

Suitable for data cables in accordance with the 100BASE-TX transmission standard (up to 100 Mbit/s) according to IEEE 802.3.

Also suitable for EtherCAT, EtherNET/IP and 2-pair PROFINET applications.

For use in the control cabinet (protection class IP 20).

For use in Ethernet-based automation technology networks.

Product Make-up

Space-saving thanks to its uniquely compact design.

Available in two versions: wired LAN version "PM03T" and wireless WLAN version "PM02TWA".

Technical Data

Last Update (15.05.2025)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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power supply:	DC 24 V (18-30 V DC)
Protection rating:	IP20
Temperature range:	-40°C to +65°C

Note

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Article number	Article designation
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21700150	ETHERLINE GUARD PM03T

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