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**Retrofitting Ethernet via existing copper wires**

The Ethernet extender from Phoenix Contact can use existing copper wires to easily establish redundant Ethernet ring structures with data rates of up to 15 Mbps.

This means that old systems can be cost-effectively retrofitted with Ethernet networks. There is no need to lay any new network cables.

Ethernet communication over distances of up to 20 km instead of the usual 100 m is also possible. In addition to the cost savings, the short commissioning time is a further plus point. Once they have been wired, the devices automatically detect whether they are in a point-to-point, line or ring topology and configure themselves accordingly.

Old systems can be retrofitted with an Ethernet ring structure quickly, easily, and without any Ethernet expertise.

**ENDS**

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