

WireXpert M12 Adapter

Industrial Ethernet Cabling Test with WireXpert



WireXpert's industrial Ethernet cabling test solution has two M12 adapter kits. Both channel and permanent link configurations with M12 industrial Ethernet connectors are supported. Separate kits are available for two-pair (D-Coded) and four-pair (X-coded) industrial Ethernet testing.

WireXpert is the first cable certification tester with full support for X-coded industrial Ethernet cabling. These kits feature adapters with high performance TERA interface and test cords terminated in M12 test connectors. This approach provides flexibility particularly in space-constrained industrial outlets as the test instrument does not need to directly attach to link / channel under test. Second, this approach improves longevity of the adapter because after extensive use only the worn out test cords need to be replaced, not the adapter.

Features

- Testing of M12 channels, permanent links, end-to-end-links or hybrid links (M12-RJ45).
- Easy selection of test limits including PROFINET limits.
- Support for user-defined customised test limits.
- Selection of 2-pair or 4-pair configurations.
- Seamless reporting in eXport software of test results.
- Cost effective replacement of worn out test cords.

WireXpert provides built-in limit for PROFINET. Alternatively, a standard limit can be selected (e.g. CAT5e for two pairs). A user can also create custom test limits for specific application.

Industrial Ethernet cabling links use M12 connector due its rugged structure. WireXpert provides options to test various configurations of industrial Ethernet cabling.

Part Number Industry Profinet measurement for WireXpert (adapter and accessories) :

228099	M12 (4-position) channel adapter pair including test cords
228084	A pair of M12 channel adapters and a pair of TERA to 8-position M12 (female) test cords for channel testing