

High Speed M12 Connector is field-mountable - Y-Circ M CAT.6_A Field Assembly

Munich, March 2019 - Yamaichi Electronics has expanded its Y-Circ M12 product portfolio with a new field-mountable connector for 10 Gigabit Ethernet applications.

Areas of application

The new connector is suitable for use in typical CAT.6_A applications, e.g. in the communication cabling of automation control systems. The field-assembled variant is used over moulded M12 cable assemblies, for example, when the cable has to be pulled through a cable duct and would be too bulky with the plug. Field assemblies are ideal, even if the exact cable length can not be defined in advance.

Features and advantages

The connector face complies with the standardized M12 X coding according to DIN EN 61076-2-109. Thanks to its die-cast zinc housing, the Y-Circ M CAT.6_A Field Assembly connector provides optimal transmission characteristics even in demanding environments. When plugged in, it reaches protection class of IP67 and is thus optimally protected against adverse environmental influences.

Its slim design also proves itself in space-critical installation situations.

The quick and easy assembly offers a time advantage during installation. The cable simply has to be stripped and the wires of the cable pressed into the colour-coded slots in the back of the two-piece connector. After the protruding wires are cut off, the

IDC insulation displacement contacts connect automatically when the two parts are screwed together.

Note: [Here you will find information about our other M12 components and cable assemblies of the Y-Circ M series.](#)

About Yamaichi Electronics

Yamaichi Electronics is a market leader for Test & Burn-In sockets, connectors and connection systems. Their reliability and functional dependability are absolutely essential for the success of the overall project. Yamaichi Electronics established themselves on the world market very quickly as a manufacturer of high-quality, reliable components for demanding applications in various markets and applications: semiconductor, industrial automation, automotive, data networking, measurement & testing, medical, mobile computing, embedded computing, and others.

Yamaichi Electronics Deutschland GmbH

Concorpark, Bahnhofstr. 20, 85609 Aschheim-Dornach, Germany

Tel. +49 (0)89 – 4 51 09-0

Fax: +49 (0)89 – 4 51 09-110

info-de@yamaichi.eu

www.yamaichi.eu