


DESIGNED
IN
GERMANY

 **YAMAICHI**
ELECTRONICS
ENGINEERED TO CONNECT



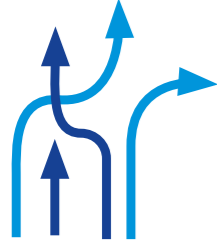
Y-CIRC
S E R I E S



Y-CIRC M
M12 FIELD ASSEMBLY

FUNCTIONS AND ADVANTAGES

The field-assembly M12 circular connectors from Yamaichi Electronics offer several advantages. Thanks to their slim design, the X- and D-coded field assembly M12 circular connectors are an ideal addition to the pre-assembled and moulded connectors of the Y-Circ M series. The assembly in the field is significantly simplified by the delivery of only two individual parts.



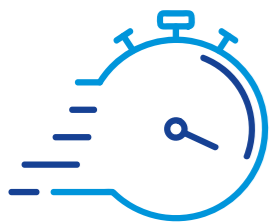
FLEXIBLE INSTALLATION

Thanks to their slim and short design, the field-assembly connectors are an ideal solution even in limited installation space. Especially when installing in cable ducts and when the required cable length is unknown. It is also easy to replace the connector in cable assemblies that have already been installed.



TOOL-FREE

The assembly of the connector is extremely easy. No additional special tools or processes are required.



TIME SAVING

Enormous time and cost savings are made possible by the simple and quick assembly. Only two individual parts are screwed together - there are no small parts that can be lost.

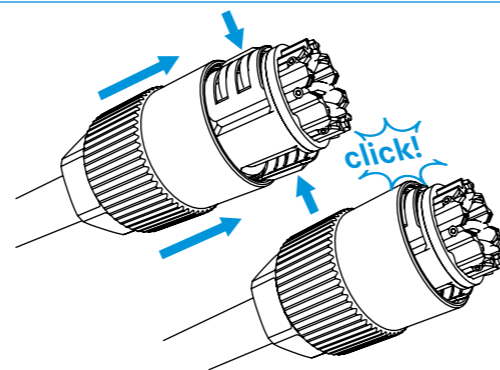
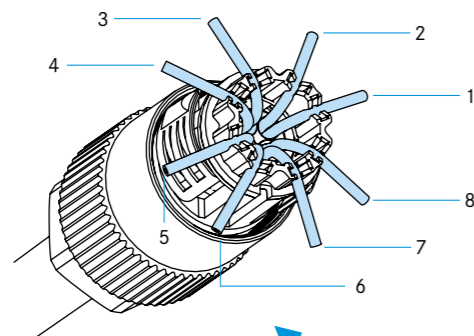


SECURE CONNECTION

Contact is made by screwing the two individual parts together. Spring elements press on the shielding and ensure a 360 ° shield connection. At the same time, the strands are contacted by insulation displacement connectors. This guarantees secure data transmission of up to 10 Gbit/s.

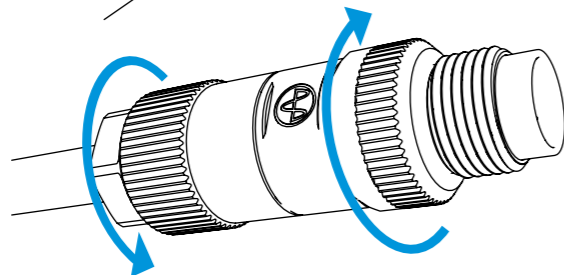
ASSEMBLY

The delivery includes two individual parts. After stripping the individual wires, the cable is passed through the cable gland of the connector. Then the wires are inserted into the insulation displacement connectors.

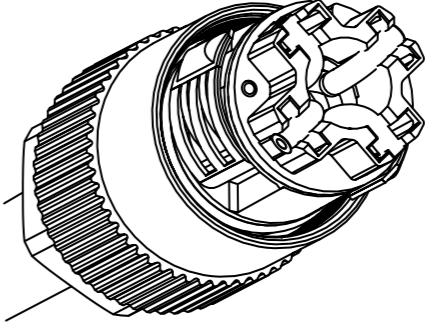
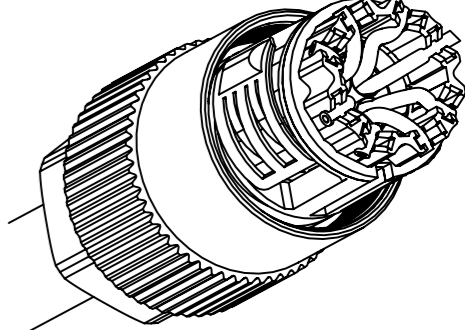


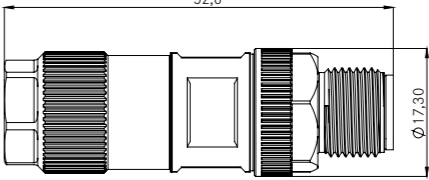
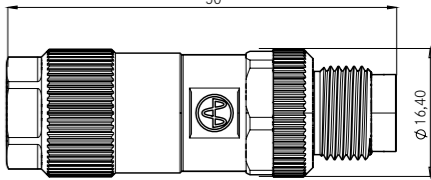


The pre-contact of the shielding can be perceived acoustically by a click.

The last step is the screwing of the circular connector. The wires and the braid are automatically contacted.



DATA & FEATURES

		
CODING	4D	8X
MATING FACE		
SIZE	 THE SMALLEST ON THE MARKET	 SIMPLEST ASSEMBLY ON THE MARKET
APPLICATIONS	Industrial Ethernet Profinet Ethernet/IP EtherCat Max. 100 Mbit	CAT6 _A High-Speed Data transmission (up to 10 Gbit)
TECHNICAL DATA		
Standard	IEC 61076-2-101	IEC 61076-2-109
Transmissionrate	100 Mbit/s	10 Gbit/s (Cat6 _A)
IP Class	IP65/67	IP65/67
Connector Type	Field assembly M12	Field assembly M12
Number of re-wiring	5	5
Mating cycles	100	100
Cable diameter	5,0 bis 9,0 mm	6,8 bis 9,0 mm
Strand cross-section	AWG 24 bis 20	AWG 26 bis 20
Number of contacts	4	8

Y-CIRC CONFIGURATOR



ADVANTAGES

- Quick & easy configuration
- Download of data sheets, including all relevant information
- 3D models available online
- Assembly instructions
- Save specific Configurations

The portfolio of Yamaichi Electronics Germany offers you many other alternatives, in different codings and designs. We offer various cable assemblies in connection with the Y-Circ M circular connector. Configure the right product for you in just a few steps. Benefit from the flexibility of our company, with our own production site in Germany and the affinity for customer-specific solutions.

Y-CIRC M M12 FIELD ASSEMBLY

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The specifications are subject to change without notice.

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