



825
876

M12-X

Contacts	8
Rated current	0,5 A
Rated voltage	50 V AC, 60 V DC
Degree of protection	IP 67
Contact plating	Au
Termination	IDT connection, moulded, dip solder



M12 8-POLE CONNECTOR WITH X-CODING!

The Binder M12 connector series now includes a data connector for transmissions up to 10 Gbit/s for industrial applications.

The high bandwidth is guaranteed by isolating the four pairs from one another by a shield cross-X-coding - for separation of the transmissions.

This ensures that the Ethernet wiring will remain compatible with the trend to transmission of high volumes of data.

The M12 X-coding conforms to IEC 61076-2-109 to ensure connector compatibility throughout the world between different manufacturers. This coding is also specified for broadband transmission by various Ethernet user organisations such as PROFINET.

Entry to the world of IP20 is implemented by a RJ45 CAT 6_A connector.

The basic design of the new connector with X-coding corresponds to that of the M12 system, which is in use throughout the world and with its compact size and industrial robustness is ideal for all applications with extreme requirements.

Initially various female panel mount connectors and integrated sockets for device integration and the corresponding cable connectors will be available. The latter are connectors for assembly with IDC (insulation displacement connection) for cross-sections from AWG 27 to AWG 22 and cable diameters from 5.5 to 9 mm. Versions injection-moulded on the cable are available as connecting cords with M12/M12 or M12/RJ45. Planning for extending the range is under way.