

FieldLink[®] MC for Motion Control

Apart of FieldLink bus cables, LEONI Business Unit Automation & Drives provides a huge product range for drive cabling. FieldLink MC products comprise cables and cable systems for the connection of devices to a bus system, such as hydraulic pumps, linear actuators, electric motors or generally servos.

The following types are implemented:

Power cabling

These highly flexible cables are designed for the connection of drives and their support with power. LEONI offers standardised types according to UL, CSA and DESINA, which are highly EMC-compatible as well as insusceptible to electrical interferences.

Signal cabling

These cables provide the connected drive with the necessary data and programming of its potential. They also provide the information for positioning and control of the drive's actuation. The Automation & Drives business unit provides all current signal cabling types for up to date motion control standards and standardisation according to UL, CSA and DESINA.

Hybrid cabling

LEONI Business Unit Automation & Drives is specialised in finding the individual perfect solution for its customers. Therefore, it comprises a large ability for hybrid cabling, always taking care of the market's general drive for small-space and low-cost optimized solutions.



* MC = Motion Control

Cable systems

LEONI provides an endless variety of cable systems for motion control, offering at the same time very flexible logistic solutions for its customers, which responds to today's demand for short term delivery conditions with varying quantities and plant-destinations for immediate implementation in the customers value-adding chain.



All FieldLink MC cables are marked according to the DESINA colour code:

| | | | |
|---|--------|----------|---|
|  | orange | RAL 2003 | servo cable, shielded |
|  | green | RAL 6018 | measuring systems, shielded |
|  | violet | RAL 4001 | fieldbus, hybrid cable |
|  | yellow | RAL 1021 | 4x0.34 mm ² Cu – sensor/actuator cable, unshielded |
|  | black | RAL 9005 | power cable, unshielded |
|  | grey | RAL 7001 | 24 V control cable, unshielded |

DESINA (DistributEd and Standardised INstAllation technology) is a fully comprehensive system intended to bring standardisation and decentralisation in the field of fluid technology and electrical installation of machinery and equipment. It makes use of existing components, such as open bus systems, standard industrial plugs etc. By standardising components, interfaces and connection systems a wide range of different systems can be made compatible on a single physical basis.

