

Press Release

24/03/2022

New MPI-R10-RF Magnetic measuring system with data transmission via radio frequency

Length or angle modes

Responding with concrete solutions to the numerous requirements of different sectors is the goal towards which Elessa has always focused its Research and Development. Thanks to its know-how and technical experience, Elessa has recently widened the range of magnetic systems for linear or angular displacement by introducing a standard version with radio frequency data transmission.

New MPI-R10-RF measuring system connected to FC-MPI sensor and combined with M-BAND-10 magnetic band is characterized by an extremely easy assembly and disassembly of the device from the panel thanks to a system with retaining clip (ELESA PATENT), which does not require the use of screws. The numerous features of the display allow for easy setting and excellent adaptability to different measuring and cutting machines.

FC-MPI magnetic sensor is available in different lengths. Its snap-in assembly facilitates the mounting to the display. The sensor, moving along M-BAND magnetic band, allows precise alignment and positioning, reducing time and machining procedures to the minimum.

MPI-R10-RF can communicate via radio frequency (RF) with UC-RF control unit, constituting a wireless system for the rapid positioning of machine parts or multi-axial measurements. It therefore does not require the use of expensive cables between the various indicators and the control unit.

UC-RF control unit is provided with a standard interface for the most common industrial buses to be connected to the PLC and exchanges information with up to 36 MPI-R10-RF, allowing the view of the various target positions on each display and at the same time also on the PLC, ensuring complete control of all machine positions.

Product technical data sheets, along with drawings and tables with codes and dimensions are available on our website elessa.com.



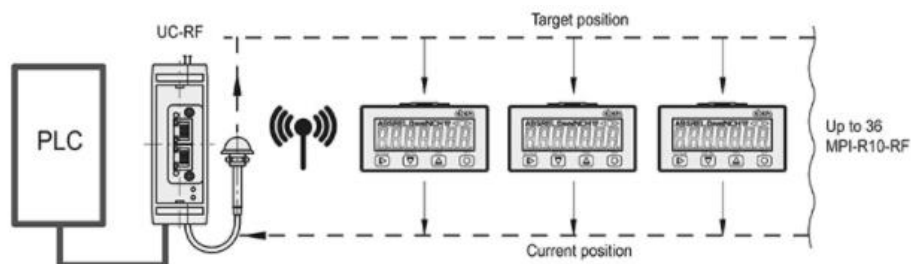
MPI-R10-RF | Magnetic measuring system



FC-MPI | Magnetic sensor



M-BAND-10 | Magnetic band



The installation of the system is quick and easy as it does not require the use of connecting cables between the control unit and the indicators.

Press Box

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