Wireless spindle positioning system

STANDARD MACHINE ELEMENTS WORLDWIDE

elesa®

Wireless spindle positioning system

The wireless system, consisting of **UC-RF** control unit and up to 36 electronic position indicators **DD52R-E-RF**, is designed for an efficient manual spindle positioning.
DD52R-E-RF position indicators (Elesa Patent) are networked to **UC-RF** control unit via radio frequency (RF), so that connecting cables are not required for an easy and quick installation.
Current and target positions are transmitted via RF, from and to the control unit, facilitating machine set-up.

Efficient Machine Set-Up

The system allows to save time during the format alignment process.

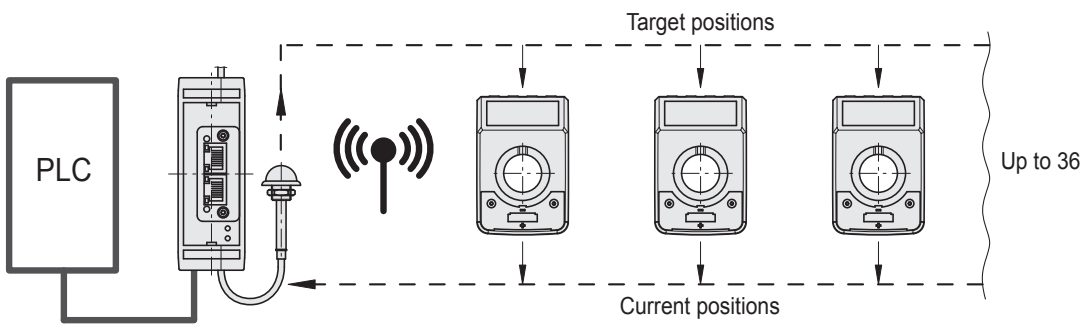
- Once the set-up profile has been called up by PLC, UC-RF control unit transmits the target position to each DD52R-E-RF position indicator.
- The current / target position is displayed on LCD display of DD52R-E-RF indicator.
- The operator manually sets the position of the spindles following the arrow displayed on LCD display (clockwise/anti-clockwise rotation).
- Once all the spindles are correctly set, UC-RF control unit communicates to PLC of the machine that the set-up has been completed.

Easy installation

Up to 36 position indicators can be networked (via radio frequency) to the control unit.
No cables required to connect the position indicators to the control unit.

Safety

The system prevents the machine from starting up until the machine set-up is completed, avoiding production issues.



EtherNet/IP

Modbus

PROFIBUS®