

Press Release

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Position indicators: new wireless system

Elesa introduces a new position indicators DD52R-E-RF.

The new **wireless spindle positioning system**, designed for an efficient manual spindle positioning, consists of **UC-RF control unit** and, up to **36 electronic position indicators DD52R-E-RF** (Elesa Patent).

Most often, machine setup is performed manually by means of **traditional mechanical indicators** coupled with handwheels or crank handles, following a specific list of set-up parameters.

The new electronic position indicators DD52R-E-RF are networked to UC-RF control unit via **radio frequency (RF)**. This system is particularly suitable for applications that require frequent format changes, facilitating the correct adjustment of the target/current position of the machine parts, also representing a safety system. PLC doesn't allow the machine to start the production cycle, thus avoiding production issues.

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

Thanks to the available functions and to the programmable parameters, one item only can be used for many applications including all shaft pitch variations, direction of rotation and unit of measure.

- **6-digit display** ensures excellent readability even from a distance and from different viewing angles.
- **High protection degree IP65** or **IP67** for applications that require frequent washing, even with intense water jets.
- **Corrosion resistance**: AISI 304 stainless steel boss with \varnothing 20 mm.
- Long battery life: **over 3 years**.

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



DD52R-E-RF Electronic position indicators



UC-RF Control unit

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