



MORE LIGHT

Multi-functional measurement control system for simple and reliable measurements

Movoline ES124

The ES124 measurement control system can be used to obtain precise measuring results throughout the entire production process: in real-time while processing a workpiece, as well as in pre-production and post-production, such as when carrying out match grinding processes or as a means of quality control.

To measure

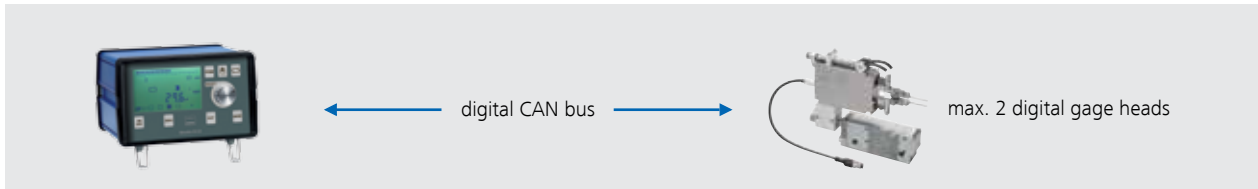
- Diameter
- Length and longitudinal position

System characteristics

- For uninterrupted or interrupted surfaces
- Passive or active positioning
- Up to 2 Movoline gage heads can be connected
- Assisted by one to two predefined measurement functions
- Communication with other systems via BCD outputs
- Various installation options for flexible use
- Digital and thus interference-free data transmission
- Measurement precision, even with minimal workpiece tolerances

Multi-functional measurement and control unit for simple and reliable measurements throughout the entire production process

Movoline ES124



Integration

The ES124 control units each consist of one control unit and a front plate assembly and, where required, provide a range of different set-up and installation options. In terms of installation options, the front plate assembly can either be installed separately from the control unit or together as one component.

- Free-standing table unit
- Rack-mounted 19"
- Module in the switch cabinet with remote front plate assembly

Display

All models use an LCD display with robust membrane keyboard. The user can choose from various display formats.

Electronic properties

A single CAN bus cable is used for operation and to connect to the gage heads. The measurement data is transmitted digitally, providing for interference-free transmission, and independent of the cable length. By using modern fieldbus technology, the number of cables needed when using multiple gage heads on the ES124 can be kept to a manageable level.

Technical data

Power supply	24 VDC
Movoline gage heads	Max. 2 digital gage heads
Control inputs Type	2 – 8, depending on connector 24 VDC, 10 mA, Common: 0 VDC
Control outputs Type	3 – 11, depending on connector 2A, 30 VAC, 50 VDC
Interfaces	Control inputs and outputs
Dimensions [W x H x D]	212 x 138 x 310 mm

