



MORE LIGHT

# Flexible, multi-functional measurement control system for the production process

## Movoline ESZ400

You can use the powerful measurement, processing and display electronics of the ESZ400 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

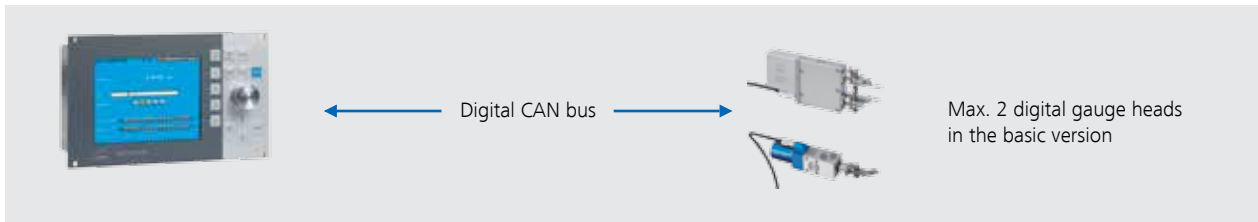
### System characteristics

- For uninterrupted or interrupted surfaces
- Passive or active positioning
- Up to 16 Movoline gauge heads can be connected via a CAN connector box
- With standard or customer-specific software
- Maximum flexibility when configuring interfaces and measurement tasks
- Digital and thus interference-free data transmission
- Measurement precision, even with minimal workpiece tolerances

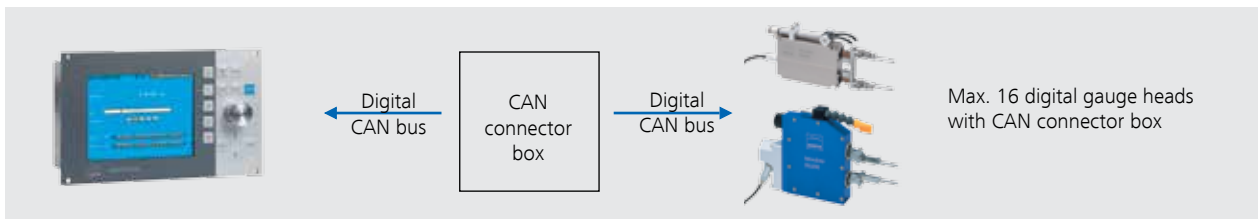
# Flexible, multi-functional measurement control system for the production process

## Movoline ESZ400

### Basic system



### Expandable system



### Integration

The compact ESZ400 measurement control unit is available as a ½ 19" model for rack installation with integrated display. The device is easily operated via a rotary knob and function keys. Displayed content and formats can be freely programmed. To facilitate the data entry process, you can connect a PS/2 keyboard to the device.

### Display

The ESZ400 features a 5.5" color TFT flat screen, providing a particularly clear, graphical representation of your data.

### Electronic properties

A single CAN bus cable is used for operation and to connect to the gauge 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 gauge heads on the ESZ400 can be kept to a manageable level.

### Technical data

Power supply	24 VDC
Movoline gauge heads	
Basic version	2 digital gauge heads
With CAN connector box	up to 16 digital gauge heads
Control inputs basic module	0
Control inputs with CAN connector	16
Type	24 VDC, 10 mA, Common: 0 VDC
Control outputs basic module	0
Control outputs with CAN connector	5
Type	24 VDC, 100 mA (optocoupler), Common: 24 VDC
Interfaces	PROFIBUS®, RS232
Dimensions [H x W x D]	129 x 214 x 78 mm