

Electronic dial gauge

Version: with spring feed



Application:

For measuring lengths and length differences, e.g. concentricity, flatness, positional measurements.

Execution:

- Robust aluminium housing
- Shock-proof version with rubber edging
- Ball-bearing guide without clearance
- Rotatable display
- Analogue and digital display
- Tolerance display via coloured LEDs
- Triple-i interface for data transmission
- Dimensions (WxHxD) 60x59.5x21.7 mm
- Measuring rate can be adjusted between 2 and 20 readings per second
- Resolution 0.01 µm

Advantage:

- Large, configurable range of functions
- Time- or temperature-controlled calibration function for maximum process reliability
- High measuring rate for dynamic measuring tasks
- Wired or wireless data transmission via optional accessories



Art. no.	33167 705
Brand	IBR
Manufacturer Part Number	F425 010
Length measuring range	5 mm
Digit increment	0.001 mm
Error limit	0.001 mm
Interface	Triple-I
IP protection class	IP 65
Functions	Basic functions, Calibration, Statistic, Tolerance value entry, Display settings, Passcode, Signal buzzer, Classification
Automatic switch-off	Yes
Dynamic measurement	Yes
Preset function	Yes
Shank diameter	8 mm
Tolerance value entry	Yes
Manual tolerance markers	No
Number of rechargeable batteries/batteries	1 PCS
Colour reading classification	Yes
Rechargeable battery/battery capacity	200 mAh
Battery voltage	3 V
Weight of rechargeable battery/battery	0.003 kg
Battery designation	3V CR2032 Lithium
Rotating housing	No
Combined indicator for figure/scale reading	Yes
Reversible counting direction	Yes
With mm / inch switching	Yes
Digit height	10.5 mm
Design	Metric, Imperial
Spindle lift	Mechanical
Measurement force	0.7 N
Display	Digital
Type	SD1 – IB5
Calibration Group Description	Dial gauge
Calibration Group	CE
Gross Weight	0.350 kg
Product Group	370