



Absolute dial indicator 0.01 mm reading, Measuring range: 12,5mm



Order data

Order number	434065 12,5
GTIN	4946368850153
Item class	44A

Description

Version:

A multifunctional standard dial indicator. Reliable and easy to use.

- **Bidirectional communication is possible, e.g. for parameterisation via PC (Digimatic S1 interface).**
- **With ABSOLUTE system. One-off setting of the start position, which remains the absolute zero point until the battery has to be replaced.**
- **Easy reading of the values due to a large digital/analogue display.**
- **Model available with digital digit increments of 0.5 μm .**
- **Simple calculations and peak value identification are possible.**
- **Equipped with a warning function for the calibration plan.**
- **The GO/ \pm NG assessment is performed by adjusting the upper and lower tolerance.**
- **Alarm for low voltage, setting error, sensor error, display overflow etc.**
- **Display can be rotated 330°.**
- **A function lock protects the dial indicator against unauthorised use.**

Function:

IP42: Protected against water falling obliquely (dripping water) up to 15° relative to normal operating position and protected against penetration by foreign bodies with $\varnothing > 1 \text{ mm}$
However, tools and wires should be kept away.

Cutting dataa:

- **Absolute linear encoder with electrostatic capacity.**

- **Measuring frequency (MAX/MIN/RANGE): 50× per second.**
- **Shank diameter: 8 mm.**
- **Measuring probe: carbide ball, thread M2.5×0.45.**
- **Battery life: approx. 2700 hours with continuous operation.**

Supplied with:

Digital dial indicator including 1 pc. CR2032 battery.

Optional extras:

Data cable No. 497081, spare and special contact points No. 434900; 434910; 434915.

Technical description

Thickness of housing	38.1 mm
IP Index of Protection	IP 42
Power supply	Battery-powered
On/Off switch	yes
#Number of batteries contained	1
Body Ø	59 mm
Clamping shank Ø h6	8 mm
Gauging force	≤0.9 N
Clamping shank length	17 mm
Calibration	C1
Measuring range	0 - 12.5 mm
Battery type	Button cell
#Article no of the battery / rechargeable battery fitted	081560 CR2032
Measurement variation E MPE (measurement range)	0.02 mm
Scale divisions	0.01 mm
Loop on the back of the dial indicator	no
Standard	Works standard
Height of numerals	11 mm
Display backlit	no
Interface	USB interface
Interface	USB interface
Measured value saving	Once-off setting of the zero position

Preset function	yes
Measurement technology	digital
Type of product	dial gauge

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/434065-12,5>