

## Mitutoyo

**Digital absolute dial indicator with formula calculation capability, Measuring range: 12,5 mm**



### Order data

Order number	434551 12,5
GTIN	4946368682648
Item class	44A

### Description

#### Version:

Multifunction indicator with absolute capacitive scale. Entered values remain stored even after switching off. **With formula calculation function.**

#### Callout:

#### Data output

#### On / Off

#### Preset

#### Tolerance evaluation / mode function

#### Measured value hold function

#### Zero / ABS changeover

#### Function:

ABS / INC, PRESET, zeroing, tolerance analysis. Measured value hold function, MIN / MAX function. IP42: Protected against splashed water from directions up to 15° (dripping water) and protected against penetration by foreign bodies with  $\varnothing > 1$  mm, however tools and wires should be kept away.

#### Application:

Use with different measurement heads.

#### Supplied with:

1 battery No. 081560 size CR2032

**Optional extras:**

Data cable No. 497080, special contact points No. 434900; 434910; 434915.

**Note:**

$Ax + B + Cx-1$  ( $x$  = spindle travel). Freely selectable coefficients can be used.

IP Index of Protection: IP 42

Calibration: C1

Selectable display: 1 / 0.5 / 0.2 / 0.1 / 0.05 / 0.02 / 0.01 / 0.005 / 0.002 / 0.001 / 0.0005 / 0.0002 mm

Error limit: 0.003 mm

Gauging force:  $\leq 1.5$  N

Clamping shank  $\varnothing$  h6: 8 mm

Body  $\varnothing$ : 61 mm

Thickness of housing: 39 mm

**Technical description**

Body $\varnothing$	61 mm
Selectable display	1 / 0.5 / 0.2 / 0.1 / 0.05 / 0.02 / 0.01 / 0.005 / 0.002 / 0.001 / 0.0005 / 0.0002 mm
IP Index of Protection	IP 42
Thickness of housing	39 mm
Calibration	C1
Measuring range	12.5 mm
Gauging force	$\leq 1.5$ N
Error limit	0.003 mm
Clamping shank $\varnothing$ h6	8 mm
Article no of the battery / rechargeable battery fitted	081560 CR2032
Number of batteries contained	1
Power supply	Battery-powered
Standard	Manufacturer's standard
Interface	Digimatic interface
Interface	USB interface
Measured value saving	once-off setting of the zero position
Type of product	Dial Indicator

## Services

Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	013210 12,5
Labelling laser-etched Type	018940
DAkKS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	013250 12,5
Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	023000 12,5
DAkKS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	023010 12,5

## Accessories

Multi-receiver / USB keyboard interface Type	498975
Carbide contact point Type 2	434910 2
Connecting cable Type D2	497080 D2
Magnetic rear panel for dial indicators for body Ø 58 mm	434836 58
Ruby contact point Type 2	434915 2
Button cell / special battery Battery type CR2032	081560 CR2032
Connecting cable Type USB2	497080 USB2
Measurement head maximum workpiece Ø 400 mm	425700 400
Steel contact point Type 2	434900 2
Connecting cable Type D1	497080 D1
Receiver / USB keyboard interface Type	498965
Transmitter Type S1	498966 S1
Measurement head maximum workpiece Ø 150 mm	425700 150
Measurement head maximum workpiece Ø 200 mm	425700 200