

## Digital Indicator ID-N, IP66, ANSI/AGD

Item number: 543-576

### Images



Safety  
Dust- and  
Water-  
Protected

www.tuv.com  
ID 0000007161

# ABSOLUTE®

# IP66

### Description

This is a slim model that is highly resilient and robust.

The ABSOLUTE Digimatic Indicator ID-N offers you the following benefits:

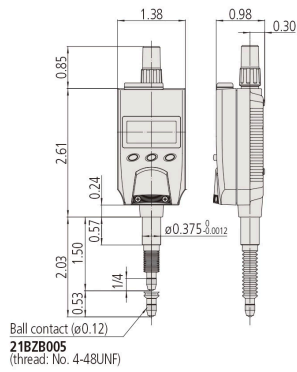
- Its slim body design is ideal for multi-point measurements.
- The ABSOLUTE sensor means you don't have to carry out origin setting every time you power it on, saving you time and hassle.
- It has excellent resistance against water and dust (IP66 protection level) allowing you to use it in machining situations that include splashing coolant fluid.
- Switchable display orientation gives you more mounting options.

- You can perform GO/±NG judgement by setting the upper and lower tolerances.

## Features

<b>Model:</b>	ID-N112E
<b>Digital/Analog:</b>	Digital
<b>Inch-Metric:</b>	Inch/Metric
<b>Functions:</b>	ANSI/AGD type
<b>Range:</b>	0.5"/12.7 mm
<b>Digital step:</b>	0.00005"/0.0005"/0.001 mm/ 0.01 mm
<b>Max. Permissible Error E MPE (Total Range):</b>	±0.00012"/0.003 mm
<b>Delivered:</b>	Including SR44 battery, certificate of inspection
<b>H MPE (Hysteresis):</b>	0.0001"/0.002 mm
<b>R MPE (Repeatability):</b>	0.0001"/0.002 mm
<b>Measuring force MPL:</b>	≤2.5 N
<b>Protection:</b>	IP66
<b>Type:</b>	ASME/ANSI/AGD Standard
<b>Measuring force:</b>	≤2,5 N N
<b>Data output:</b>	Yes
<b>Display:</b>	LCD, character height: 6.2 mm
<b>Max. response speed:</b>	Unlimited
<b>Alarm:</b>	Low voltage, counting value composition error, overflow error, tolerance limit setting error
<b>Stem ø:</b>	9.52 mm
<b>Contact point:</b>	Carbide ball, thread: No.4-48UNF
<b>Power supply:</b>	1 battery SR44
<b>Battery life:</b>	Approx. 7000 hours
<b>Digital Scale:</b>	Electrostatic capacitance type absolute linear encoder
<b>ON/OFF:</b>	Yes
<b>GO/±NG judgement:</b>	Yes
<b>DATA/HOLD:</b>	Yes
<b>Counting direction switchable:</b>	Yes
<b>External PRESET / ZERO:</b>	Yes
<b>Inch/Metric switchable:</b>	Yes
<b>Mass:</b>	130 g

## Dimensions



## Accessories

### Optional accessories:



### Spindle Lifting Knob

for 0,5", ANSI/AGD Type

Art No. 21EZA150

Suggested retail price: 37.00 €\*



### U-WAVE fit Transmitter Mounting Plate

for ID-N Digital Indicator

Art No. 02AZF675

Suggested retail price: 45.00 €\*



### Back Plate with Center Lug AGD Type

for ID-N/ID-B Indicator

Art No. 21EZA146

Suggested retail price: 25.50 €\*



### Connection Cable G for U-WAVE

for IP66 Indicators ID-N and ID-B  
Art No. 02AZD790G  
Suggested retail price: 105.00 €\*



### U-WAVE fit, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-622  
Suggested retail price: 185.00 €\*



### U-WAVE fit, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-623  
Suggested retail price: 185.00 €\*



### USB Input Tool Direct (Digimatic to USB)

2m Cable, Digimatic/Digimatic 2, Flat Straight  
for ID-N/ID-B  
Art No. 06AFM380G  
Suggested retail price: 124.00 €\*



### Silicon rubber boot for ID-C, ID-N, ID-S

Art No. 238774  
Price on application



### **Digimatic Cable for ID-N/ ID-B 1m**

Art No. 21EAA194  
Suggested retail price: 66.00 €\*  

---



### **Digimatic Cable for ID-N/ ID-B 2m**

Art No. 21EAA190  
Suggested retail price: 76.00 €\*  

---



### **Digimatic Cable for External Preset/Zero**

1 m, ID-N/ID-B Indicator  
Art No. 21EAA210  
Suggested retail price: 191.00 €\*  

---



### **Digimatic Cable for External Preset/Zero**

2 m, ID-N/ID-B Indicator  
Art No. 21EAA211  
Suggested retail price: 217.00 €\*  

---



### **USB Input Tool Interface Box**

Digimatic/Digimatic 2/Digimatic S1 Interface  
Art No. 264-020  
Suggested retail price: 259.00 €\*  

---



### U-WAVE-T, IP67 Type

Wireless Transmitter  
Art No. 02AZD730G  
Suggested retail price: 187.00 €\*



### U-WAVE-T, Buzzer Type

Wireless Transmitter  
Art No. 02AZD880G  
Suggested retail price: 187.00 €\*



### U-WAVE fit Bluetooth, IP67 Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-626  
Suggested retail price: 185.00 €\*



### U-WAVE fit Bluetooth, Buzzer Type

Wireless Transmitter for  
Micrometer/Indicator  
Art No. 264-627  
Suggested retail price: 185.00 €\*

#### Spare parts

Consumable spares:



### **Contact Element Ball Point, 4-48UNF**

1/4" Length, Carbide, Inch  
Art No. 21BZB005  
Suggested retail price: 13.30 €\*  

---



### **Battery SR44 1,5 V**

Art No. 938882  
Suggested retail price: 7.00 €\*  

---



### **NBR Rubber Boot**

Digital Gauge Series 543  
Art No. 21EAA423  
Suggested retail price: 2.20 €\*  

---