

Digital Indicator ID-N, IP66

Item number: 543-570

Images



Safety
Dust- and
Water-
Protected

www.tuv.com
ID 000007161

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:

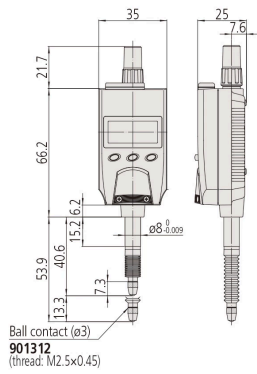
- Its slim body design is ideal for multi-point measurements.
- The ABSOLUTE sensor means you don't have to carry out origin setting every time you power it on, saving you time and hassle.

- 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

Model:	ID-N1012
Digital/Analog:	Digital
Inch-Metric:	Metric
Range:	12.7 mm
Digital step:	0.01 mm
Max. Permissible Error E MPE (Total Range):	0.02 mm
Delivered:	Including SR44 battery, certificate of inspection
H MPE (Hysteresis):	0.02 mm
R MPE (Repeatability):	0.01 mm
Measuring force MPL:	≤2.5 N
Protection:	IP66
Type:	EN ISO Standard
Data output:	Yes
Display:	LCD, character height: 6.2 mm
Max. response speed:	Unlimited
Alarm:	Low voltage, counting value composition error, overflow error, tolerance limit setting error
Stem ϕ:	8 mm
Contact point:	Carbide ball, thread: M2.5x0.45
Power supply:	1 battery SR44
Battery life:	Approx. 7000 hours
Digital Scale:	Electrostatic capacitance type absolute linear encoder
Remarks:	Center lug back is shown optional
ON/OFF:	Yes
GO/±NG judgement:	Yes
DATA/HOLD:	Yes
Counting direction switchable:	Yes
External PRESET / ZERO:	Yes
Mass:	130 g

Dimensions



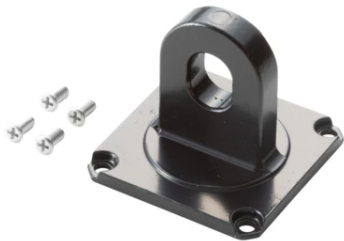
Accessories

Optional accessories:



U-WAVE fit Transmitter Mounting Plate

for ID-N Digital Indicator
 Art No. 02AZF675
 Suggested retail price: 45.00 €*



Back Plate with Center Lug ISO Type

for ID-N/ID-B Indicator
 Art No. 21EZA145
 Suggested retail price: 25.50 €*



Spindle Lifting Knob

for 12,7mm Range
 Art No. 21EZA105
 Suggested retail price: 37.00 €*



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, M2,5x0,45

7,3mm Length, Carbide, Metric

Art No. 901312

Suggested retail price: 5.00 €*



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 €*