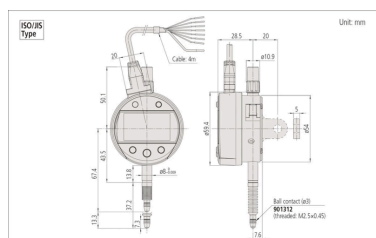




Images



ABSOLUTE®



This is an externally-powered Digimatic Indicator with a N-ch open drain -NG, OK, +NG output.

- [https://shop.mitutoyo.co.uk/web/mitutoyo/en_GB/mitutoyo/\\$catalogue/mitutoyoData/PR/543-351B/datasheet.xhtml](https://shop.mitutoyo.co.uk/web/mitutoyo/en_GB/mitutoyo/$catalogue/mitutoyoData/PR/543-351B/datasheet.xhtml)

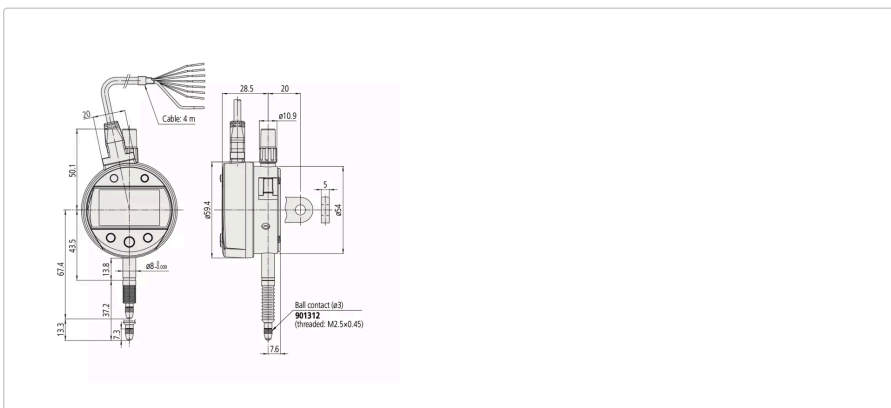
- Analogue bar graph in the display (12 different scales switchable)
- GO/±NG tolerance judgment function

Specification

Digital/Analog:	Digital
Inch-Metric:	Inch/Metric
Delivered:	With signal cable 4 m. One end is fixed to the main unit. no connector is supplied for the other end.
Range:	0.5"/12.7 mm
Digital step:	0.00005"/0.0001"/0.0005"/0.001 mm/0.01 mm
Max. Permissible Error E MPE (Total Range):	±0.0001"/0.003 mm
H MPE (Hysteresis):	0.0001"/0.002 mm
R MPE (Repeatability):	0.0001"/0.002 mm
Measuring force MPL:	≤2.5 N
Protection:	IP54
Type:	EN ISO Standard
Measuring force:	≤2,5 N
Display:	LCD, character height 8 mm
Max. response speed:	Unlimited
Measurement frequency (MAX/MIN/RANGE):	Standard mode: 100 times/s (plunger speed max. 0.1mm/s for peak measurement)
Alarm:	Low voltage, ABS composition error, overflow error, setting error
Stem Ø:	8 mm
Contact point:	Carbide ball, thread: M2.5x0.45
Power supply:	5 - 24 V DC / 100mA (max)
Digital Scale:	Electrostatic capacitance type absolute linear encoder
ON/OFF:	Yes
ABS / INC (INC ZERO):	Yes
PRESET 3x:	Yes
Function lock:	Yes
GO/±NG judgement:	Yes
Counting direction switchable:	Yes
MAX/MIN/RANGE:	Yes
Calculation function (with formula):	Yes
Analog bar resolution switchable:	Yes

Signal output: (+NG, OK, -NG):	Yes
Signal input: No-voltage input, (PRESET_RECALL/ZERO, HOLD_RESET):	Yes
GO/±NG judgement via LED:	Yes
Inch/Metric switchable:	Yes
Mass:	285 g

Dimensions



Accessories

Optional accessories:



Spindle Lifting Cable with Auto Stop

for Indicator, L=300mm
Art No. 21JZA301



Spindle Lifting Cable

for Indicator, L=500mm
Art No. 21JZA295



Spindle Lifting Lever

for Digital Indicator, A-Type Dial Indicator
Serie 2/3/4

Art No. 21EZA198

£7.70 ex. VAT



Spindle Lifting Knob

for 12,7mm Range

Art No. 21EZA105

£19.44 inc. VAT

£16.20 ex. VAT



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

Art No. 238774

Mitutoyo

MiCAT

the standard in world
metrology software
MeasurLink

USB-ITPAK Vers. 3.0

USB Dongle + Manual (Software available
Online)

Art No. 06AGR543

£343.20 inc. VAT

£286.00 ex. VAT



Spare parts

Consumable spares:



Contact Element Ball Point, M2,5x0,45

7,3mm Length, Carbide, Metric
Art No. 901312
£7.70 ex. VAT



NBR Rubber Boot

Digital Gauge Series 543
Art No. 21EAA423
£4.20 ex. VAT