Technical Data

Display:	LCD, 8.5 mm character height
Scale type:	ABSOLUTE electrostatic linear encoder
Max. response speed:	Unlimited (scanning measurement is not supported)
Stem diameter:	8 mm
Standard contact point:	901312
Battery:	SR44 (1 pc.) **938882**
Battery life:	Approx. 20,000 hours under normal use

Functions

Origin-set (zero-set), counting direction switching, Power ON/OFF, data output, inch/mm reading

Alarm:	Low voltage, counting value composition error

Optional Accessories

Code No.	Description	
540774	Plunger lifting cable	
905338	SPC data cable (1 m)	
905409	SPC data cable (2 m)	
02ACB610	Post-type back	
02ACB630	Adjustable back	
02ACB640	Offset-lug back	
02ACB650	Magnetic back	
02ACB670	Screw-mount back	
02ACB680	Adjustable-bracket back	
02AZD790F	U-WAVE-T data cable (160 mm)	
02AZE140F	U-WAVE-T data cable with footswitch connection (160/500 mm)	
06AFM380C	USB Input Tool Direct USB-ITN-C (2 m)	
21EZA198	Plunger lifting lever	

Contact points for Mitutoyo's dial indicators refer to pages F-37 to F-40 for details.

Measuring stands refer to pages F-67 to F-72 for details.

SERIES 543 – ABSOLUTE Digimatic Economical Indicator ID-S

- Cost-effective and user-friendly type equipped with only the basic functions necessary.
- The ABSOLUTE sensor restores the last origin position automatically when the indicator is turned on, and ensures high reliability by eliminating over-speed errors.
- Battery life of 20,000 hours in continuous use.
- Easy-to-read large LCD readout with a character height of 8.5 mm.
- Equipped with a data output port that enables incorporation into measurement networking and statistical process control systems.

MeasurLink® ENABLED
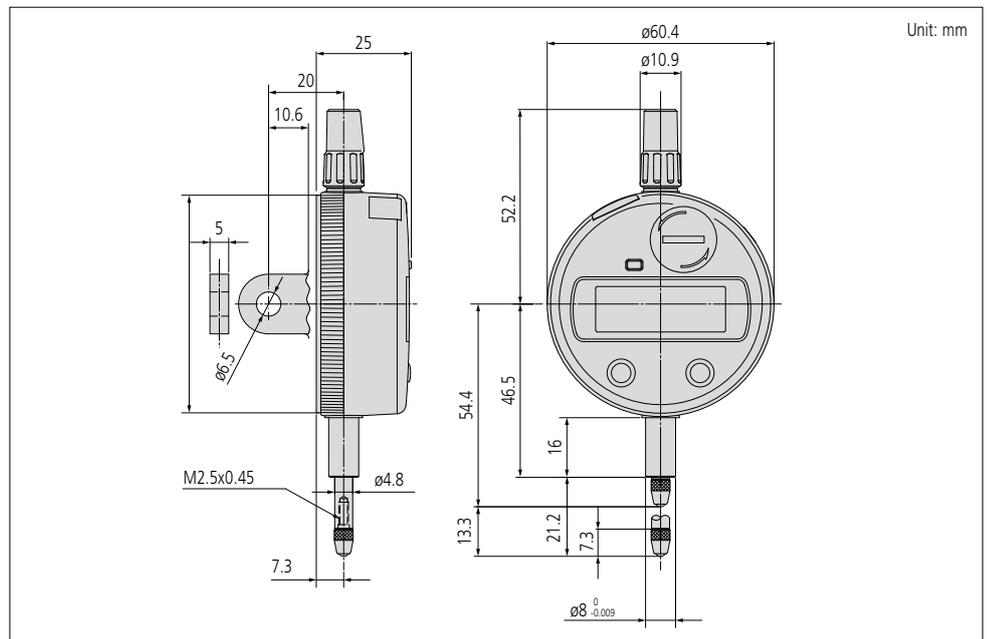Data Management Software by Mitutoyo

ABSOLUTE

PROPRIETARY INSPECTION CERTIFICATE

543-782

Specifications

Inch/Metric

Code No.	Range	Resolution	Accuracy	Measuring force
543-782	.5" / 12.7 mm	.0005" / 0.01 mm	.0008" / 0.02 mm	2.0 N or less

* Quantizing error of ±1 count is excluded.

Dimensions

Unit: mm

Mitutoyo