

Digimatic Indicators

Comparison measuring instruments which ensure high quality, high accuracy and reliability.

Supplemental information on Digimatic Indicators

Origin setting of Digimatic Indicators



The stability of measurement within 0.2 mm from the start of spindle travel is not guaranteed, so this region should not be used during operation.

EC Counter SERIES 542 — Low-cost, Modular Type Display Unit

- -NG, OK and +NG tolerance judgment results can be displayed.
- Can be set to produce either tolerance judgment output or Digimatic output.
- Small size (96x48 mm) which conforms to DIN standards.

MeasurLink ENABLED
Data Management Software by Mitutoyo



542-007

SPECIFICATIONS

Order No.	542-007*
Quantizing error	±1 count
Resolution () indicates maximum display range	0.01 mm (±9999.99)/0.0005 in (±99.9995 in)/0.001 in (±999.999 in) 0.001 mm (±9999.999)/0.00005 in (±9.99995 in)/0.0001 in (±99.999 in) [automatic setting by gage]
Tolerance judgment display	LED display (3 steps: Amber, Green, Red)
External output (switching type)	Tolerance judgment output: -NG, OK, +NG (open-collector) Data output: Digimatic output
Control input	External PRESET, external HOLD
Operation temperature range	0 - 40 °C (RH 20 to 80 %, no condensation)
Storage temperature range	-10 to 50 °C (RH 20 to 80 %, no condensation)
External dimensions	96 (W) × 48 (H) × 84.6 (D) mm
AC adapter/AC cable	AC adapter: (Japan/North America) 06AEG302JA /(EU) 06AEG302D /(Britain) 06AEG302E /(Korea) 06AEG302K /(China) 06AEG302DC
Mass	220 g

* To denote your AC power cable add the following suffixes to the order No.: **A** for UL/CSA, **D** for CEE, **DC** for CCC, **E** for BS, **K** for KC, **C** and **No suffix** are required for PSE.

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Products equipped with the measurement data output function can be connected to the measurement data network system MeasurLink (refer to page A-5 for details).

Function

- Preset
- Tolerance judgment (3 steps)

DIMENSIONS

