

EC Counter – Single-function Type

Series 542 — Simple Display for LGD, LGS, or other Digimatic Gages, Go/NG Judgment and Output

- Produces 3-step/5-step, 3 types of tolerance output and BCD output.
- Employs DIN size (96×48mm) and mount-on-panel configuration to facilitate system integration.



542-007A



Function

- Preset
- Tolerance judgment (3/5-step, 3 types)
- Zero

Optional Accessories

- Connecting cable for digimatic mini-processor:
No.936937 (1m), **No.965014** (2m)
- DC plug PJ-2: **No.214938**
- I/O cable (2m): **No.C162-155**

SPECIFICATIONS

Order No.	542-007A	
Applicable head/input	LGD, LGS, ID, SD, Digimatic code (SPC)	
Number of gage inputs	1	
Resolution	0.01mm (±9999.99) / .0005" (±99.9995") / .001" (±999.999") 0.001mm (±9999.999) / .00005" (±9.99995") / .0001" (±99.999") [automatic setting by gage]	
Display	Sign plus 6 digits (Green LED)	
Tolerance judgment display	LED display (3 steps: Amber, Green, Red)	
External output (switching type)	Tolerance judgment output	Go/No-Go (open-collector)
	Data output	Digimatic output
Control input	External PRESET, external HOLD	
Rating	Power supply voltage	Supplied AC adapter, or 9 - 12V DC
	Power consumption	4.8W (max. 400mA) Ensure at least 1A is available per unit.
Operation/storage temperature range	Operation: 0 - 40°C / Storage: -10 to 50°C	
External dimensions	96 (W) × 48 (H) × 84.6 (D) mm	
Standard accessories	AC adapter: No.06AEG302JA	
Mass	220g	

DIMENSIONS

Unit: mm

