

EH Counter

SERIES 542 – Multi-Function Display Unit

Functions

Zeraset, preset, limit setting (3 or 5-step), GO/±NG judgement, GO/±NG signal output, MAX/MIN/TIR (runout) measurement, counting direction switching, double reading, mm/inch switching, sum/difference calculation of 2 gauges, output mode selection

Output

I/O: Tolerance judgement output (3/5 stages), normal operation output RS-232C, USB or Digimatic code (selectable):
Various measurement data (USB used only with SENSORPAK)

External control

I/O: Preset, Data hold and Error clear
RS-232C: Displayed value output, MAX/MIN/TIR switching, Zero set, peak value clear, preset value input, tolerance value input and error clear

RS link

Up to six EH counters may be connected via one RS-232C or USB port (daisy chained). (USB used only with SENSORPAK)

Error display/output

Power-supply voltage error, overspeed error, overflow error, gauge error, communication error, and tolerance setting error

Maximum input frequency

2.5MHz (differential square wave)

Power supply

Via AC adapter (12 - 24V DC, 700mA (max))

- Employs DIN size (144 x 72 mm) and panel-mount configuration to facilitate system integration.
- Counter can be used on a desktop mounted on a display stand (included).
- The standard RS-232C and USB interface allows easy communication with an external PC. (USB used only with SENSORPAK.)
- A multi-point measuring system can easily be created with the RS Link built-in networking function. (max. 12 points.)
- The 2-gauge input type can perform 2-axis display and make addition or subtraction calculations between 2 gauges.

542-075E



542-071E



542-072E



SPECIFICATIONS

Code No.	542-075E	542-071E	542-072E
Applicable input	Differential square wave		Digimatic code output
Applicable gauges	LGB, LGF		LGS, ID-C
Number of gauge inputs	1	2	
Resolution	0.01, 0.005, 0.001, 0.0005, 0.0001 mm		Depends on the gauge head connected
Tolerance judgement display	LED display (3 steps: amber, green, red/5 steps: amber, amber flashing, green, red flashing, red)		
Price	£590.00	£741.00	£741.00

DIMENSIONS

