

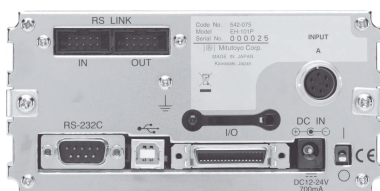
EH Counter

Series 542

- Employs DIN (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 interfaces allows easy communication with an external PC. (USB used only with SENSORPAK).
- A multi-point measuring system can easily be created with the built-in networking function (RS link, max. 12 points).
- The 2-gage input type can perform 2-axis display and make addition or subtraction calculations between 2 gages.



542-075D



542-075D

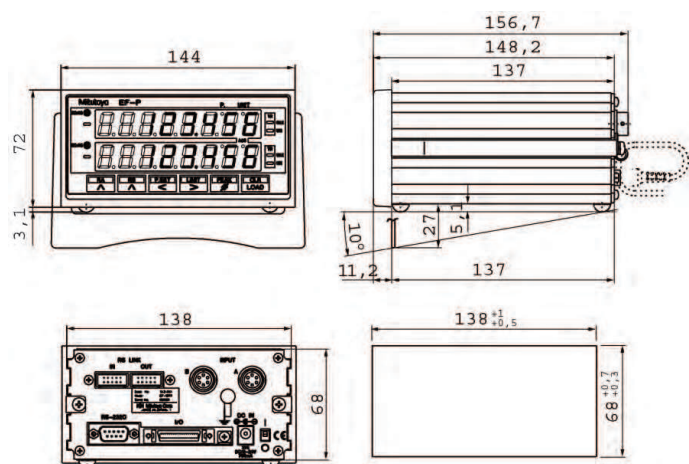


542-071D



542-071D

No.	Gage inputs	Resolution (Depending on gage type connected)	Mass g	Remarks
542-075D	1 (single display)	0,0001/0,0005/0,001/0,005/0,01 mm	760	
542-075E*	1 (single display)	0,0001/0,0005/0,001/0,005/0,01 mm	760	UK only
542-071D	2 (double display)	0,0001/0,0005/0,001/0,005/0,01 mm	800	
542-071E*	2 (double display)	0,0001/0,0005/0,001/0,005/0,01 mm	800	UK only



	Series 542	
	542-071D	542-075D
Functions		
PRESET	●	●
Tolerance limit input on/off	●	●
Counting direction switchable	●	●
Calculation of sum	●	●
ZERO/ABS	●	●
GO/NG Display	●	●
Error display	●	●
Key lock	●	●
MAX / MIN / Difference measurement	●	●
Counting direction switching	●	●
Sum/difference of two probes mm/inch	●	●
External control	●	●
RS Link	●	●
RS-232C Output	●	●
Digimatic output	●	●
USB MITUTOYO SENSORPAK Output	●	●
I/O Output	●	●
Tolerance judgement (3 or 5 step)	●	●
+NG/-NG/GO Output on open collector	●	●
Error output	●	●
Analogue output	●	●

Specifications

Display	8 digit and a negative (-) sign, LED (green)
RS-Link	Up to six EH counters may be connected via one RS-232C or USB port (daisy chained)
Maximum input frequency	2.5 MHz (2-phase square wave)
Power supply	Via AC adapter; 12 to 24 VDC, 700 mA (max.)

Standard accessories

No.	Description
02ADN460	AC adapter
02ZAA020	AC cable
02ZAA030	AC cable UK only

Optional accessories

No.	Description
02ADB440	BCD-I/O-Data connector
936937	Data cable (1 m)
965014	Data cable (2 m)
12AAA807D	Cable RS-232C D-SUB 9/D-SUB 9 (2m)
06ADV380D	USB Input Tool Direct cable (2 m)
02AZD790D	Connecting cable U-Wave



Refer to the Linear Gauge documentation for more details.