

EG/EB Counter

Series 542

- Compact type with control panel according to DIN (96 x 48 mm).
- With I/O control function for tolerance judgement evaluation (3 or 5 steps) or parallel BCD output function.

| Series 542 | | 542-016 | 542-093-2 |
|--|--|---------|-----------|
| Functions | | | |
| PRESET (preselection) | | ● | ● |
| Tolerance limit input | | ● | ● |
| Calculation of sum | | ● | ● |
| GO/±NG signal output (3 or 5 step) | | ● | ● |
| Error display | | ● | ● |
| MAX / MIN / Difference measurement | | ● | ● |
| Key lock | | ● | ● |
| Counting direction switching | | ● | ● |
| mm / inch switching | | ● | ● |
| External Control | | ● | ● |
| DIGIMATIC input | | ● | ● |
| Output I/O | | ● | ● |
| Tolerance judgement (3 or 5 step) | | ● | ● |
| Tolerance limit setting (3 or 5 steps X 7 types) | | ● | ● |
| Error display | | ● | ● |
| Analogue output | | ● | ● |

Specifications

For 542-016

Display Green LED display, 6 digit, with (-) sign, character height : 15 mm

542-093-2 has the same technical specifications as 542-092-2

Optional accessories

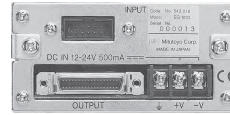
| No. | Description |
|---------------|--|
| 02ADB440 | BCD-I/O-Data connector |
| 02ADD930 | Three-wire cable for power supply via AC adapter |
| 02ZAA020 | AC cable |
| 02ZAA030 | AC cable UK only |
| For 542-093-2 | |
| 02ADF180 | 10-key unit |
| 02ADN460 | AC adapter |
| 06ADV380D | USB Input Tool Direct cable (2 m) |
| 02AZD790D | Connecting cable U-Wave |
| 965014 | Data cable (2 m) |
| 936937 | Data cable (1 m) |



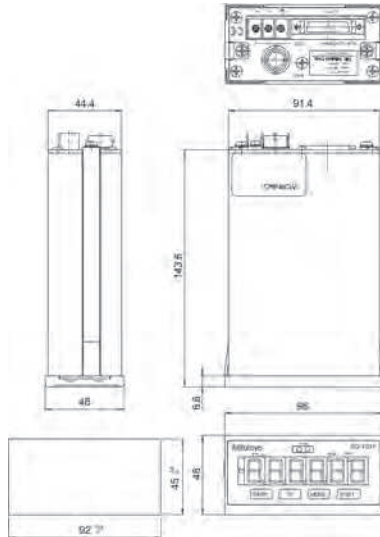
Refer to the Linear Gauge documentation for more details



542-016



542-016



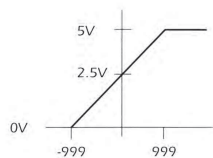
542-016 + 542-093-2

Output applicable input for counter 542-093-2 (series EB)

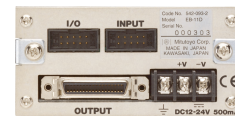
Specifications :

- Output voltage 2.5 V + [Counting value x voltage resolution (25 mV or 2.5 mV)]
- Full scale : 0 V to 5 V, accuracy is indicated by full scale 5 V
- Accuracy : ± 5 % (0 V to 5 V) ± 0.5 % (2.5 V ± 200 mV after setting the gap)
- Charge resistance : 300 kΩ or more

| No. | Gage inputs | Resolution (Depending on gage type connected) | Mass g |
|-----------|-------------|---|--------|
| 542-016 | 1 | 0,01 mm, 0,001 mm | 400 |
| 542-093-2 | 1 | 0,01 mm, 0,001 mm | 400 |



542-093-2



542-093-2