

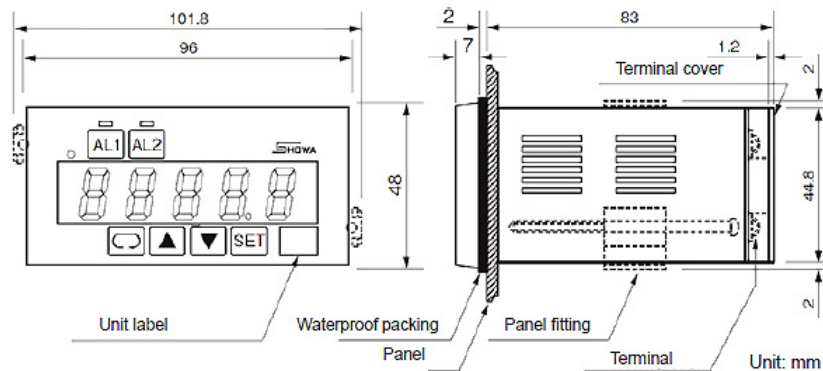


## DIGITAL MONITOR MODEL-2590B

- The Digital Monitor Model-2590B receives a 4-20mA signal from the vibration converter, scales it into a vibration value for digital display and allows the vibration to be monitored by using a 2-high limit position alarm contact output. As an operating power supply for vibration converter is incorporated to make installation easier.

### SPECIFICATIONS

|                             |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| INPUT SIGNAL                | 4-20mA(Span/Zero fine adjuster provided)                               |
| INDICATION RANGE            | Can be set at 0 to intended value on scale value.                      |
| INDICATOR                   | 7-segment red LED,5-digit.                                             |
| SAMPLING CYCLE              | Can be set at 0.125/0.25/0.5/1/2/3/4/5 seconds.                        |
| ACCURACY                    | $\pm 0.3\% \pm 1$ digits( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ) |
| POWER SUPPLY FOR CONVERTER  | +24VDC,100mA max.                                                      |
| ALARM SETTING               | 2 alarm.AL1(HH) and AL2(H)                                             |
| ALARM VALUE CHECK           | Indicated by pressing AL1 or AL2                                       |
| ALARM RELAY CONTACT         | Transfer rating AC 250V 5A ,DC30V 5A max.                              |
| ALARM DELAY                 | Can be set at 0.1-99.9 sec. as desired.                                |
| ANALOG OUTPUT(OPTION)       | 4-20mA(500 $\Omega$ max),0-5V,1-5V,0-10V,(5k $\Omega$ min)             |
| POWER SUPPLY                | AC85-264V 50/60Hz,15VA max.                                            |
| OPERATING TEMP.AND HUMIDITY | 0-50°C,45-85%RH max.(No dewing shall occur.)                           |
| FRONT PANEL                 | IP65(need rubber packing)                                              |
| DIMENSIONS AND WEIGHT       | 96(W)×48(H)×92(D)mm Approx 300g                                        |



**Terminal arrangement for Model 2590B(in the back)**

