

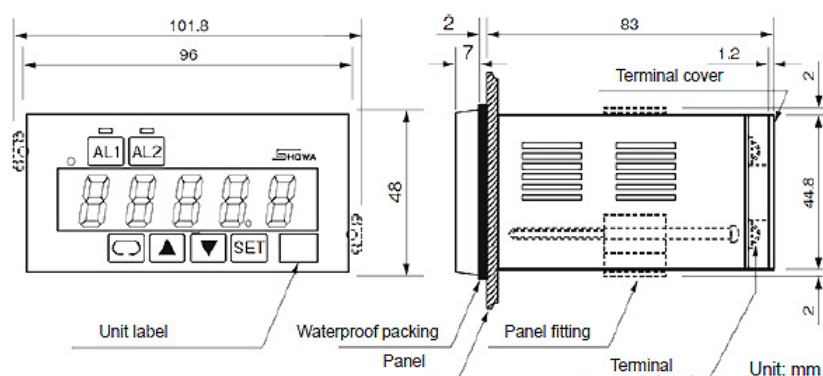


DIGITAL MONITOR MODEL-2590B

- 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 Ω max),0-5V,1-5V,0-10V,(5k Ω 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)

