

DATA SHEET

VIBRATION MONITORING SYSTEM – VC1000, TYPE – CV111

a) Measured Parameter	:	RMS value of Vibration Velocity (in mm/s) or Peak value of Vibration Displacement (in μm)
b) Input Signal	:	One, for Velocity Transducer types VS-068/VS-069
c) Measuring Range	:	Velocity 0-2/5/10/20/50 mm/Sec. Displacement 0-20/50/100/200/500 μm
d) Working Frequency range	:	10 Hz. to 1 kHz. $\pm 5\%$
e) Analog output	:	0/ 4~20 mA $\pm 3\%$; $R_W \leq 500 \Omega$ 0~10 Volts $\pm 3\%$; $R_L \geq 100 \text{ k}\Omega$
f) Self-Monitoring	:	Yes
g) Power Supply	:	230V/110V AC $\pm 10\%$, 50 Hz (Optional): 24V DC
h) Operating Condition	:	Operating Temperature Range - 30°C + 65°C Storage Temperature Range - 40°C+ 100°C Relative humidity max. 95 %, non-condensing
i) Housing Construction	:	Sturdy Alum. Housing meeting IP-65 with cable feed through fittings
j) Monitoring System Accuracy	:	<3% of measured value.