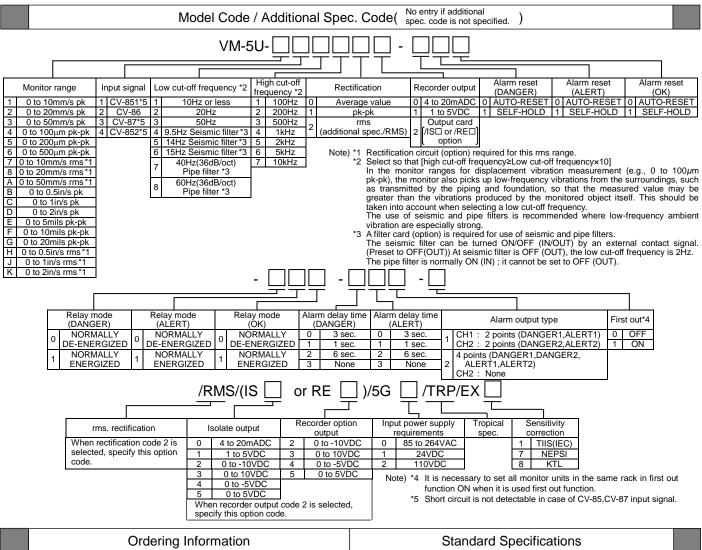
VM-5 SERIES MONITOR
SPECIFICATIONS

## MODEL VM-5U DUAL SEISMIC MONITOR

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Ordering Information		Standard Specifications	
ALARM SET VALUE	DANGER1 : ALERT1 :	ALARM INDICATOR	DANGER: (red LED) ALERT: (yellow LED)
	DANGER2 : ALERT2 :	ABNOR.ALARM INDICATOR	OK : (green LED)
	Unless specified otherwise, preset to :	BYPASS INDICATOR	BYPASS : (red LED)
	DANGER : 100% of monitor range ALERT : 90% of monitor range	TRANSDUCER INPUT	CV Series Number of input points : 2 points
SEQUENCE SET VALUE	: x1.0 to 10.0 (x0.1 step) Preset to x1.0 unless specified otherwise.	INPUT IMPEDANCE	Approx. 10kΩ (CV-851 input) Approx. 50kΩ (CV-852, CV-86, CV-87 input)
(to increase alarm set value during operation of the sequence circuit)	CAUTION: Set the alarm set value so that its designated multiple is within 110% of the measurement range during operation of the sequence circuit.	EXTERNAL CONTACT INPUT (FROM REAR PANEL)	Contact type:Dry contact Contact for external reset Contact for sequence
	If set to more than 110%, alarm may not be output.	BAR GRAPH METER	Recorder output conversion accuracy ±2.5% of F.S.
SUPPRESSION	: 0.0 to 10.0 % of monitor range (0.1 % step)	DIGITAL METER	Recorder output conversion accuracy ±1.0% of F.S.
FUNCTION SET VALUE	Preset to 2.0 % unless specified otherwise. CAUTION: When the measurement value is not more than suppression function set value, indication and recorder output value shall be as 0 %.	RECORDER OUTPUT CONVERSION ACCURACY	±0.5% of F.S. at calibration frequency at 25°C ±2.0% of F.S. at calibration frequency at 0 to 65°C (the calibration frequency is determined by the cut-off frequency range.)
OTHERS		RECORDER OUTPUT	Voltage or current output proportional to monitor range
Standard Specifications		(FROM REAR PANEL)	1 to 5VDC (output impedance : $250\Omega$ ) 4 to $20$ mADC (max.load resistance : $500\Omega$ )
ALARM SET POINT	4 points (DANGER1,ALERT1,DANGER2,ALERT2)		0 to -10VDC*,0 to 10VDC*,0 to -5VDC*,0 to 5VDC*
ALARM SET RANGE	0 to 110% of monitor range		(output impedance : 100Ω) (*option)
ALARM SET	±1.0% of F.S. or less		Number of output points : 2 points
ACCURACY		MONITOR OUTPUT	Input signal is output via a buffer amplifier.
ALARM SET REPEATABILITY	±0.1% of F.S. or less	(FROM FRONT, REAR PANEL)	Signal level : ±15V (CV-85,CV-87 Input) 0.8 to 22VDC (CV-86 Input)
ALARM OUTPUT	5 points (DANGER1,ALERT1,DANGER2,ALERT2,OK) or		Output impedance : $100\Omega$ (load resistance : $50k\Omega$ or more)
	6 points (DANGER1,ALERT1,DANGER2,ALERT2,OK1,OK2)	TEMPERATURE	Operating temperature : 0 to 65°C(32 to 149°F)
MEASURED VALUE	LCD digital meter with 5 digits (7 segments, with back light)	RANGE	Storage temperature : -30 to +85°C(-22 to +185°F)
	LCD bar graph meter (40 segments, with back light)		Relative humidity : 20 to 95%RH(noncondensing)
	* Measurement value and alarm set value are indicated on		Face plate : Aluminum Munsell N-4.0 (equiv.)
	the digital meter and bar graph meter simultaneously.	MASS	Monitor : max.0.7kg (including single unit instrument rack : max.2.5kg)
OTHERS		l	(including single unit instrument fack . max.2.3kg)

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