



VIBRATION MONITOR MODEL-1590

- Model-1590-01 is a 1-channel type vibration monitor using a non contact displacement sensor.
- Model-1590-03 is designed to indicate the larger displacement of the two radial vibration displacements of a rotor, and also to give an alarm, when vibration exceeds the preset value.
- Two high limits of alarming are provided. A delay timer for preventing wrong alarming is incorporated.

COMPOSITIONS

Vibration displacement monitor unit	Model-1590-01	1set
Non-contact displacement sensor	TQ-402	1piece
Signal conditioner for sensor	IQS-452	1piece
Cable (between signal conditioner and monitor)	CA3211-35m	1piece

Remarks: Model-1590-03 contains 2sets of TQ-402, IQS-452 and cable.

SPECIFICATIONS

Measuring contents	1590-01	Seismic vibration displacement
	1590-03	Indicating the larger displacement of the two radial displacements of a rotor.
Frequency range	1590-01	5Hz-50Hz $\pm 5\%$
	1590-03	2Hz-100Hz $\pm 5\%$
Measuring range	0-600 μ m p-p/FS	

Indicator scale	Same as the above. Minimum scale is 1/30 of FS and GAP 0-4mmp-p.
Signal input	Terminal on the rear panel. Input sensitivity conforms to TQ402/IQS452
Monitor output	10Vp-p/FS, Load: 500Ωmax. 1590-01: Displacement wave signal, Terminal of the front panel. 1590-03: Displacement wave signal of X,Y direction. BNC connector of the front panel.
OK Monitor lamp	Lamp indication in normal ready condition.
Relay contact output	SPDT(both ALERT and DENGGER output) Capacity AC: 220Vmax, 4Amax, 400Vmax. DC: 110Vmax, 3Amax,50Wmax.
Alarm delay action	Auto resetting action, Delay 60sec.
Recorder output	DC 4-20mA, Load: 500Ωmax.
Signal input	Terminal on the rear panel.
Power requirement	AC220V ±10% 50/60Hz 20VA max.
Temperature	Operating: 0-50°C, Storage: -20-+70°C



Distributor Indonesia:

PT. TAHARICA
 Jl. Pahlawan Revolusi No. 22 B
 Jakarta 13430 - INDONESIA
 Tel: +62-21-8611444, 8611131, 8611259 (Hunting)
 Fax: +62-21-8611207