

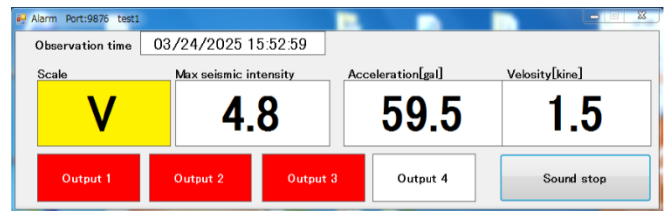
EXTERNAL SYSTEM CONTROL SEISMOMETER (Using PEIS (PHIVOLCS Earthquake Intensity Scale))

S401-PSC



The S401-PSC is designed for measuring earthquakes themselves by calculating vibrations by using PEIS (PHIVOLCS Earthquake Intensity Scale) in real time and displayed on screen. With the integrated processor and accelerometer (X, Y, Z), the S401-PSC can perform by itself a series of processing from the earthquake observation to the control signal output.

When the S401-PSC detects the earthquake, it sends an alert message to the PC on which the Alert Software will display a pop-up window that notifies the occurrence of an earthquake.



Faster and better!

S401-PSC calculates seismic intensity by adapting "real-time seismic intensity calculation method".

Various contact control

Individual output contacts setting allows precise and flexible control for user's application.

Real time control function (acceleration value, seismic intensity).

High reliability

Improved measurement precision by adding 2 more outside sensors.

Simple and compact

S401-PSC contains integrated sensors and processing unit, making unit small and compact.
Easy installation.

Extensive remote control and operation

The data is set, obtained and displayed by PC through web browser.

User will notice real time seismic information on PC display.

Wide measurement range

S401-PSC measures up to $\pm 6G$. 2G, range setting is also possible for detailed measurement.

Specification

Accelerometer	Type Component	Capacitive
	Measurement range	±2G or ±6G (Axis of which gravity is applied, ±1G or ±5G)
	Measurement Accuracy	±10% or less
AD Converter	Resolution	16bit
	Sampling Frequency	100Hz
	Measurement axis	3 axis (X, Y, Z)
Record	Memory device and capacity	Compact flash memory 2GB
	Recording Data	Up to 300 seismic intensity every 0.01 sec. Alert notification to alert software.
Communication	LAN Interface	10/100 Base-T
	Connection	RJ-45 modular connector
	Protocol	TCP/IP, FTP, TELNET, HTTP, ICMP
Contact Point	Load Capacity	AC/DC 60V / 0.5 A
	Contact Point	4 independent contact outputs
Display	Indicator	Organic LED
	Number of Characters	2 Lines of 16 Characters
Clock	Adjustment method	NTP or Manual Adjustment
Power Source	Power Supply	90 to 264 V AC. 50/60Hz 11.8 to 22V DC
	Battery Consumption	Connectable to 12V battery
	Power Consumption	Less than 3W
Dimensions	Size	W245xH105xD60mm
	Weight	1.0 kg or less
Environmental Conditions	Operation Temperature Range	-10°C to 50°C
	Operation Humidity Range	90%RH or less (Non-condensing)

CAUTION

- For proper and safe use, please read the "Operation Manual" before use.
- The specifications and appearance are subject to change without notice. Please be guided.
- The products in this catalog are standard but can be customized according to customer specifications. Contact us for more details.
- The Company shall not be liable for any claim made by a third party for damages or financial losses arising from the use of the product.
- The color of the product photo on the catalog may differ from the actual product due to printing.

The specifications on this catalog are current as of May 2016.

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