

EXTERNAL SYSTEM CONTROL SEISMOMETER S401-PSC



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.

OUTLINE

The S401-PSC is designed for measuring earthquakes themselves by calculating vibrations 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.



FEATURES

1. Simple and compact

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

2. Various contact control

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

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

3. High reliability

Improved measurement precision by adding 2 more outside sensors.

4. Faster and better!

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

5. 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.

6. Wide measurement range

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

► Specifications

Accelerometer	Type Component	Capacitive
	Measurement range	±2 G
	Measurement Accuracy	±10 % or less
AD Converter	Resolution	16 bit
	Sampling Frequency	100 Hz
	Measurement axis	3 axis (X, Y, Z)
Record	Memory device and capacity	Compact flash memory 2GB
	Recording Data	Recording is triggered, and up to 300 files can be stored. Record acceleration data is 0.01-second intervals.
	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 60 V / 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, 50/60 Hz(AC-adapter)
	DC input	11.8 to 22 V DC(DC-in)
	Connectable battery	12 V battery
	Power Consumption	Less than 3 W
Dimensions	Size	W245 × H105 × D60 mm
	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)

* IP67 enclosure will be included in the installation of the device. .

⚠ CAUTION Read "Manual" ahead of the use to use it correctly and safely.

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