

EXTERNAL SYSTEM CONTROL SEISMOMETER *S401-PSC*



★ Faster and better !

- S401-PSC calculates seismic intensity every 0.01s by adapting "real-time seismic intensity calculation method".

★ Simple and compact !

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

★ 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.

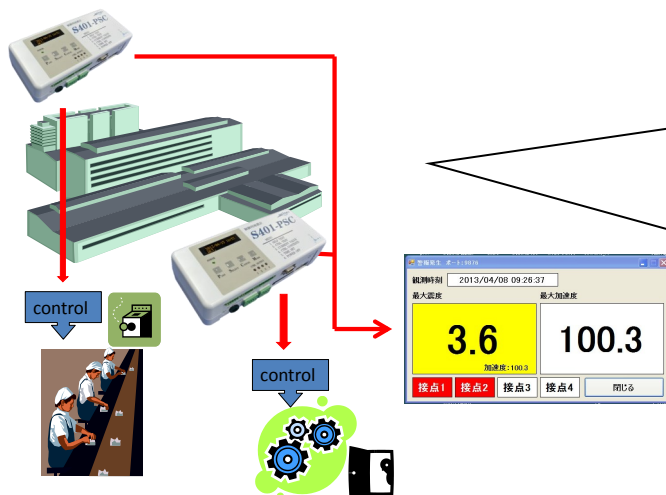
★ Extensive remote control and operation !

- 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.

A real time seismic intensity calculation of National Research Institute For Earth Science And Disaster Prevention adpated



To control various equipment or systems

- Valve
- Production line
- Electric light
- Announcement
- Train control
- Automatic door
- Elevator

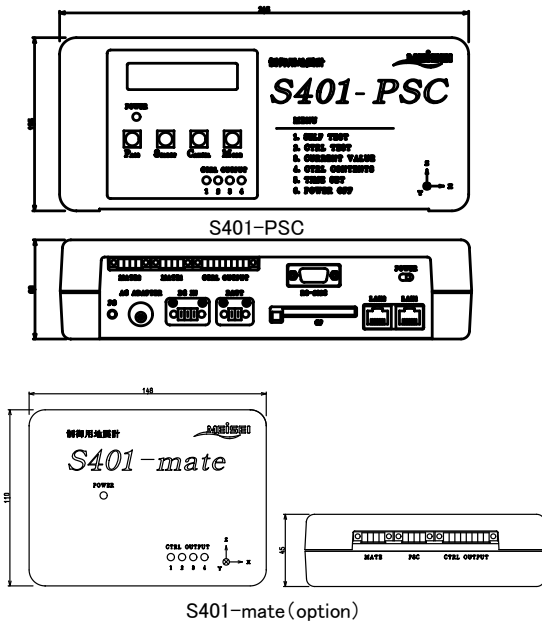
...etc.

Specification

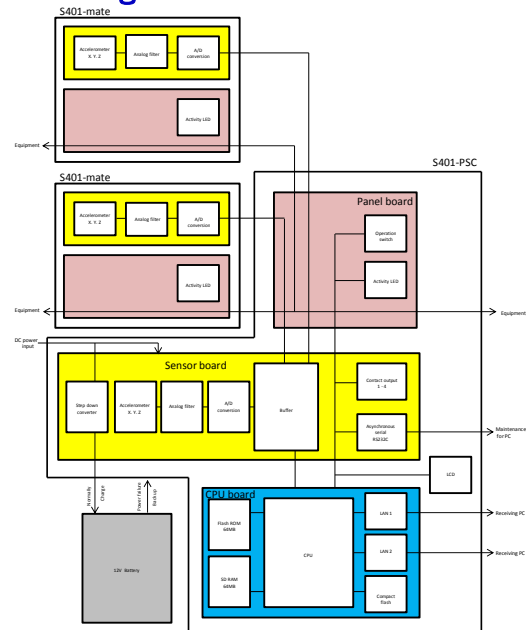
Sensor	Type	capacitive	Display	Type	Organic EL
	Component	3axis(X,Y,Z)		Contents	Operation result •Settings •Check menu
	Measurement range	±2G or ±6G (the axis of such gravity, ±1G or ±5G)		Power source	Voltage (AC) AC90 to 264V 50/60Hz (DC) DC12V(DC10.5 to 22V)※
	Accuracy	±10% or less		Battery connection	Connectable a 12V battery
A/D	Conversion method	$\Delta \Sigma$	Dimension & Weight	Size (PSC)	W245 × H105 × D60mm(except protrusion)
	Resolution	16bit 0.06gal(range of ±2G) 0.18gal(range of ±6G)		Weight (PSC)	Less or 1.0kg(except AC adapter, connector)
Filter	Filter	0.01Hz-20Hz	Size (mate)	W148 × H110 × D45mm(except protrusion)	
Output contact	Contact point	4 (stand-alone) 4th contact, also available as an output indicating failure of the device.		Weight (mate)	Less or 0.5kg(except connector)
	LAN I/F	Format	10/100Base-T × 2port	Environmental condition	Operation temp range
Protocol		ftp, telnet, ICMP, HTTP	Operation humidity range		90%RH or Less (Non- condensing)
Clock	Time calibration	NTP or Manual (telnet, according to the device button operation)	Options accessories	S401-mate (Additional sensor)	The same as the accelerometer of S401-PSC built in. Possible to connect up to 2.
	Medium	Type		CF card 2GB	AC adapter Mounting bracket

Dimension

unit(mm)



Block diagram



It is our policy to constantly improve the design and specifications. Accordingly, the details presented herein shall not be regarded as final and binding.

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