

# EMIN

Testing & Measuring Everything

## SENDIG - S928 Vibration Monitoring & Recording System



### Product Introduction

#### S928 Vibration Monitoring & Recording System

Low Frequency Vibration display + Recorder, 48 Channel Max, Continuous monitoring, LCD display, Data save locally, Upload by RS485/232, USB, GPRS, Modem, Radio. Printer

Features:

- ☆Overall value Output: 4-20mA or 1-5V, Displacement, Velocity, Bearing condition or Acceleration, True RMS, Equivalent Peak or Equivalent Peak-Peak (factory Optional)
- ☆Optional dynamic waveform Output for FFT analysis at transmitter
- ☆LCD displays of real-time & history curve, numerical values, and bar graph
- ☆48 channels color LCD version available

#### Specification:

##### ◇Accelerometer:

1. Shear-mode Ceramic piezoelectric
2. Case: stainless steel, air-tight, electrical isolation to reduce ground disturbance
3. Working temperature: -20~100oC or -20~180oC(high temperature type)
4. Mount: M5 screw

##### ◇Transmitter:

1. Amplitude Range(To be defined, Default is Velocity 25mm/s) & Frequency

##### Range:

- ★Displacement(Equivalent Peak-Peak): 3mm, 1.2~1000Hz
- ★Velocity(True RMS): 25mm/s, 1.2~2000Hz
- ★Acceleration(Equivalent Peak): 100m/s<sup>2</sup>, 1.2Hz~10kHz
- ★Bearing condition(Acceleration envelope): 25m/s<sup>2</sup>, 1.2Hz~2kHz demodulated
- 2. Working temperature: -20~80 °C

##### 3. Wiring

24V Looped power & 4-20mA overall value output

Dynamic Output

Accuracy: 5%(may depend on range)

4. Transmitter Size: 98x73x30(mm)

5. Power: 20~30V(DC)

6. Output mode:2-line loop power or 3-line(power, output, and ground)

7. 4-20mA Output:Maximal transmit distance: 1km

Protection: open circuit, short circuit.

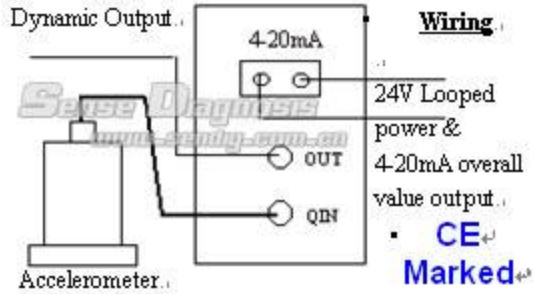
8. Accelerometer

Measurement accuracy (include accelerometer): 3dB(Full frequency Range), 1dB(>2.5Hz), 0.5dB(>4Hz)

1 Display, Recorder and Alarming

1. LCD display, 5.6 inch, 320x240 dots, Sample frequency 1Hz,

2. Alarm: relay contact capacity: 250V 3A, 4-levels thresholds, 4 seconds alarm delay



Overview 2008-03-15 12:58:28

Chn101 %

65.00

Σ2746678

Chn102 %

35.00

H  
H  
L  
L

H  
H  
L  
L

Configure 2008-03-10 13:21:32

Password: 000000 \*

System Display

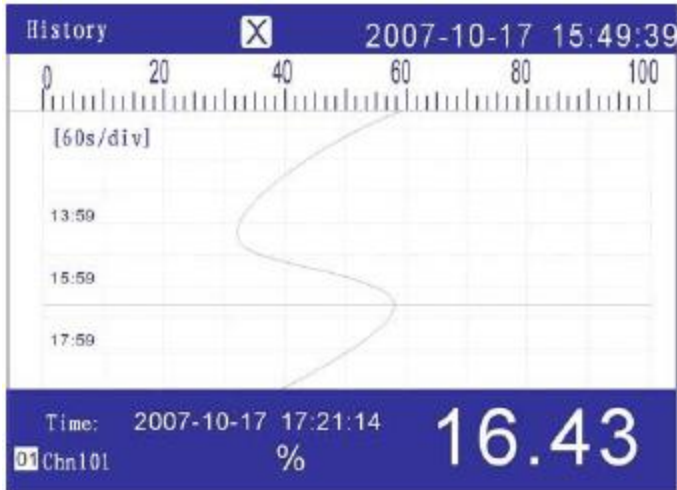
Input Output

Timer Report

About

Exit

A5EV2006 Amateur please exit !



Report-Daily 2008-06-03 12:58:28

01: 2.00	12: 0.00	23: 0.00
02: 3.50	13: 0.00	24: 12.00
03: 0.00	14: 0.00	25: 51.00
04: 0.00	15: 0.00	26: 100.00
05: 0.00	16: 0.00	27: 0.00
06: 6.35	17: 172.00	28: 0.00
07: 0.00	18: 185.00	29: 0.00
08: 0.00	19: 204.10	30: 0.00
09: 0.00	20: 37.00	31: 10259.00
10: 4.20	21: 0.00	
11: 0.00	22: 0.00	Σ 11060.35

Data: <input type="text" value="2008-05"/>	Mon Sum: 11036.15
Chnl: <input type="text" value="Chn101"/>	Average: 356.00
<input type="button" value="Print"/> <input type="button" value="Monthly"/>	Maximum: 10259.00
	Minimum: 0.00