EMIN
Testing & Measuring Everything

SENDIG - S923 Vibration Monitoring & Recording System

Product Introduction

S923 Vibration Monitoring & Recording System

For continuous monitoring, Vibration transmitter + Recorder, 4 Channel Max, LCD display, Data save locally, Upload by RS485/232, USB, GPRS, Modem, Radio. Printer

Features:

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

Specification:
●Accelerometer:
1. Shear-mode Ceramic piezoelectric
2. Case: stainless steel, air-tight, electrical isolation to reduce ground disturbance
3. Working temperature: -20~100^{o}C or -20~180^{o}C(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/s2, 1.2Hz~10kHz
; Bearing condition(Acceleration envelope): 25 m/s^2, 1.2Hz~2kHz demodulated
2. Working temperature: -20~80 ^{o}C
3. 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. Measurement accuracy (include accelerometer): 3dB(Full frequency Range), 1dB(>2.5Hz), 0.5dB(>4Hz)
λ
●Display, Recorder and Alarming
1. LCD display, 3 inch, 128x64 dots, Sample frequency 1Hz,
2. Alarm: relay contact capacity: 250V 3A, 4-levels thresholds, 4 seconds alarm delay