



Testing & Measuring Everything

SENDIG - Vibration Transmitter-S908A



Product Introduction

Integrated Vibration Transmitter

Electromagnet velocity sensor, Very robust to electromagnet noise

I Brief Introduction

The integrated vibration sensor and transmitter is easy to install on the equipment to be used in conjunction with condition monitoring systems, such as panel meters, DCS, and PLC, etc. It is particularly applicable to monitor online the health condition of important machinery.

The integrated vibration transmitter integrates an electromagnet velocity sensor with amplifier, integrator and transmitter to output the true RMS value of the vibration velocity or Peak_Peak value of displacement (looped power or 3-line 4-20mA current signal).

II Technical Specifications

Sensor:

Electromagnet velocity sensor, very robust to electromagnet noise

Transverse sensitivity max: <5%

Case: steel; Ground isolated

Measurement range: optional at factory

Output:

Value: True RMS or equivalent peak to peak

Parameter: velocity or displacement

Line: 2- or 3-line 4~20mA;

Optional Dynamic voltage output

Output load resistance: 0~500 ohm

Frequency response: 5~1000Hz

Operating temperature (oC): -20~+80

Power supply: 20~30Vdc looped

Connector for cable: (SY)×12k×3P

Connector direction: side

Sensor installation: M8 tapped hole

Size: Ø 40 ×80 mm

Weight: 370g

III Wiring



Connection diagram for 2 or 3-line intergrated transmitter

IV Precautions

- 1) The sensor must have a close and rigid contact with the item under test, whose surface must be very smooth. The sensor is installed with lock washer.
- 2) The cable and connector can be pasted with a shield of silicone rubber after being tightened together to prevent them from getting loose.