Data Sheet

Adash 4801 - Sensor Simulator

Signal Generator for Testing

Application:

- Generation of well-defined test signal for systems checks
- Check of functions of measurement system
- Check of correct calibration of measurement system
- Check of correct functions of cables (on-line systems)

Characteristics:

- Output of test vibration signal
- ICP® powering from measurement system
- LED indication of ICP® power
- BNC and MIL C5015 standard output connectors

Description:

The 4801 device simulates a standard ICP® vibration sensor with sensitivity of ***100mV/g***. It does not need any extra external power supplying. The output signal is the addition of two sine waves of 0.51g / 80Hz and 0.50g / 8kHz. This device so enables to test and set systems, instruments and cables for vibration measurements in very simple way. Also is very suitable for setting of control systems. The output signal is simultaneously connected to both output connectors. The device does not contain an internal reset circuit. If necessary reset the device manually (unplug / plug in the cable).

Technical specification:

Output of RMS:	51 mV / 80 Hz + 50 mV / 8 kHz 5.0 m/s^2 / 80 Hz + 4.9 m/s^2 / 8 kHz 0.51 g / 80 Hz + 0.50 g / 8 kHz 10 mm/s / 80 Hz 0.39 in/s / 80 Hz
Connectors:	BNC, MIL C5015
Indication:	LED indication of ICP® supplying
Supply:	ICP® from measurement system
Dimensions:	90 x 35 x 60 mm
Weigh:	115 g
Protection:	IP 20

ICP® is registered trademark of PCB Piezotronics, Inc.

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