



DATASHEET

Adash A4801v2 Sensor Simulator



Adash 4801v2 – Sensor simulator

Application

- Generates sine test signal for systems checks
- Checks the function of the measuring system
- Checks the correct calibration of the measuring system
- Checks the correct function of cables (on-line systems)
- Checks the correct polarity of cables
- Checks ICP® (IEPE) powering

Characteristics

- Output sine signal for vibration analyzers testing (80Hz and 8kHz)
- BNC and MIL C5015 output connectors
- ICP® power LED indication

Description

The A4801v2 device simulates a standard ICP® (IEPE) acceleration sensor with 100mV/g sensitivity. The output signal is a sum of 80Hz 51,2mV RMS (10mm/s RMS) and 8kHz 50mV RMS (0.5g RMS) sine wave signals. The A4801v2 enables to test online vibration monitoring systems, portable vibration meters, analyzers and cables in very simple way. The output signal is simultaneously connected to both output connectors. The device has several colored LEDs for status indication.

Technical specification

RMS Output:	51.2 mV / 80 Hz + 50 mV / 8 kHz 5.02 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:	ICP® (IEPE) OK, POLARITY, low PWR
Supply:	18-30V DC/ 2-10mA (ICP® / IEPE)
Dimensions:	90 x 35 x 60 mm
Weigh:	135 g
Protection:	IP 20