



InnoBeamer

USB Data Acquisition Device for VibroMatrix



Properties

- Inputs for 2 piezoelectric sensors with integrated amplifier and 1 r.p.m-sensor
- Supply of all sensors
- Data transfer to PC by USB 1.1 and 2.0
- Supplied by USB interface of PC
- 10 kHz sample rate for each channel
- 16 Bit analog-digital-conversion
- 4 decade input ranges

Application

The InnoBeamer is the link between piezoelectric sensors and the PC. It converts sensor signals and transfers them by USB interface to the VibroMatrix System in your PC. Data is transferred without loss even if the InnoBeamer must share the USB interface with other devices such as printers or scanners.

The InnoBeamer is supplied by PC's USB host interface and on its part supplies the connected sensors. In this way, measurements become easy even in field work.

Mobility is guaranteed by the InnoBeamer's small dimensions and weight. The software modules of VibroMatrix reside in your notebook and do not create additional weight.

The InnoBeamer is automatically recognized by VibroMatrix after having connected it to the PC. Connection and disconnection during operation is possible without problems.

Thus, digital vibration measurement becomes very easy!

