



### Application

- Sensor interface for the VibroMetra software package
- Universal module for vibration measurements in laboratory, industry and field

### Properties

- Compact USB data acquisition device with two inputs for IEPE compatible accelerometers
- Digital input for rotation speed and pulse measurement
- Powered from the USB voltage
- Plug & play
- Includes the VibroMetra software licenses, easy transfer to another PC
- Driver support for all current Windows versions
- 40 kHz band width

Accuracy	±2	%
Output noise	<3 (0.1 to 40000 Hz )	mVRMS
ADC resolution	24	Bit
Lower frequency limit acceleration	0.1	Hz
Upper frequency limit acceleration	40000	Hz
Indication	2 sensor LEDs	
	USB-LED	

**Connectors**

Input channels	2	
Input signals	IEPE	
Input connector	BNC front	
IEPE constant current	2.8	mA
TEDS support	IEEE 1451.4	
Digital interfaces	USB 2.0 HS; Type B; rear	

**Power Supply**

External supply voltage	5	VDC
External supply current	<500	mA
Supply connection	USB; Type B; rear	

**Case Data**

Dimensions without connectors	105 x 22 x 84 (W x H x D)	mm
Case material	Aluminum, hard anodized	
Weight	200	g
Operating temperature range	-20 to 55 (95 % rel. humidity without condensation)	°C

**Notice**

The data acquisition module is only intended to be used with the VibroMetra software package.  
Software licenses for the desired software modules are required for operation.  
These licenses are assigned to its serial number and stored in the device.