



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



Technical Data

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.

Manfred Weber

Metra Mess- und Frequenztechnik in Radebeul e.K.

Meissner Str. 58

Internet: www.MMF.de

01445 Radebeul

Email: Info@MMF.de

Tel. +49 (0)351 836 2191

Fax: +49 (0)351 836 2940

04.23

