

Description

- **MESAS tetra USB** is an extremely flexible interface with 4, 8, 12 or 16 input ports for various types of transducers and analogue voltage.
- The interface box is connected to the standard USB port of a Microsoft Windows 7 or Windows 10 computer.
- COM Objects allow to read measuring inputs into third-party software like Microsoft Excel VBA applications.



YOUR ADVANTAGE

- Huge variety of connectable measuring equipment
- Flexibility of a modular system.
- High Speed Precision Measurement
- Fits to any Microsoft Windows 7 or Windows 10 computer with USB 1.1 or 2.0 Type A interface

Software

- Drivers, Test program and communication software providing COM objects for in-process and out-of process communication with third-party software, like Microsoft VBA applications, Visual C, Borland Delphi etc.
- Software requirements:
 - Operating system e.g. Microsoft Windows 7 or Windows 10
 - MESAS MQMD software or third-party software programmable for processing of COM objects.
 - This software is not included in the standard delivery.

Technical Data

Measuring inputs:

- Transducer inputs for LVDT, Halfbridge:
Resolution: 0,1 μ m, Range +/- 2mm
Brands: Solartron, IET, Marposs, Mahr, Tesa
... others on request
- Analogue inputs:
Voltage DC +/- 5V, +/- 10V, 0-5V, 0-10V
... others on request

Power supply:

- 4 inputs : powered by USB
- 8/12/16 inputs : External AC adapter
(110-240V IN, 50-60Hz, 1A, 12 V OUT)

Interface:

W x H x D:

Weight:

Protection type:

Cables:

- Microsoft® Windows® USB 1.1 and 2.0
- 4 inputs : approx. 125 x 60 x 96 mm
- 8/12/16 inputs : approx. 260 x 96 x 180 mm
- 4 inputs : approx. 0,5 kg
- 8/12/16 inputs : approx. 3,5 kg
- IP 54, NMEA
- Power cord 2 m, AC adapter cable 1,4 m
- Data cable 2.5 m with USB A connector
- (max. 5m for 4-channel interface)

Options

- 16 opto inputs / 16 driver outputs (not available for small 4-channel box)