MESAS
quality improving systems GmbH

Short description

- The **wireless** measuring interface **MESAS tetra bluetooth** is a modular interface with 4, 8, 12 or 16 input ports for various types of transducers (Halfbridge / LVDT) and analogue voltage.

- The modular conception of MESAS tetra bluetooth provides a lot of flexibility due to the fact that up to 4 different types of measuring devices can be combined in one box.

- The receiver, of the size of a memory stick, is plugged into the USB interface of a Windows® XP PC.

Wireless transmission of measuring data from the interface box to the measuring computer **by Bluetooth® technology.**

YOUR ADVANTAGE

- No wires between measuring interface and computer
- Transmission range 80 m
- up to 16 inputs for connecting to any standard transducers
- Static and dynamic measurement.

RANGE OF APPLICATION

- Any measuring task, where a high degree of mobility is needed.
- Any application, where the measuring gauge needs to be taken to the parts to be measured.

Highlights

- Mobile transmission by "bluetooth network"
- Easy handling
- 16 inputs for connecting to any standard inductive probe
- Powered by rechargeable battery
- Static and dynamic measuring

MESAS quality improving systems GmbH
Hinten auf der Gass 3 - 66646 Marpingen, Germany

SGS TÜV SAAR ISO 9001

Tel. 06853 / 50088 - FAX 06853 / 30858
e-mail: info@mesas.de - Internet: www.mesas.de

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Subject to technical changes without announcement!

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® XP
  - MESAS MQMD software or third-party software programmable for processing of COM objects, e.g. Microsoft® Excel®
  (This software is not included in the standard delivery.)

Technical Data

Measuring inputs:		<u>Transducer inputs for Halfbridge/LVDT:</u> Resolution: 0,1 µm, Range +/- 2mm Brands: Solartron, IET, Marposs, Mahr, Tesa ... others on request
		<u>Analogue inputs:</u> Voltage DC +/- 5V, +/- 10V, 0-5V, 0-10V ... others on request
Power supply:		built in AC power supply
		option: Built in battery with AC charging unit
Schnittstelle zum PC:		Microsoft® Windows® USB 2.0
Anschlusskabel:		Power cord 2 m for charging unit
Sizes (W x H x D):		4 Inputs : approx. 125 x 60 x 96 mm
		8/12/16 Inputs : approx 260 x 96 x 180 mm
Weight:		4 Inputs : approx. 500 g
		8/12/16 Inputs : approx. 3.500 g
Protection type:		IP 54, NMEA
Transmission range:		80 m, 360°

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