

Description

MESAS tetra universe is an extremely flexible interface with 16 ports for various types of transducers, analogue signals and incremental probes.
The interface box is connected to the MESAS standard io card of a MESAS measuring computer system.
Up to 4 MESAS tetra universe (64 measuring inputs) per standard io.



example

Your advantage:

- Flexibility of a modular system
- Parallel multiprocessor technology provides high speed performance for very precise measuring tasks.
- Resolution 16 Bit

The attached module list contains the existing standard modules. If the module you require is not included, please do not hesitate to contact us. We are going to design the suitable module for you.

Technical Data

Power:	110/240 V AC, 50-60Hz, 30 VA Automatic adoption to existing voltage
Interface:	MESAS standard io
W x H x D:	330 x 140 x 205 mm
Weight:	3.5 kg
Protection type:	IP 54
Cables:	Power cord 1.5 m with filter plug 1 data cable 2.5 m with 25 pole connector

Transducer modules

With 16 bit resolution available for:

- Tesa and compatibles
- Mahr
- Hirt
- Metem
- Air-Gage
- Solartron
- Feinprüf
- Mitutoyo
- Marposs
- Knäbel
- Mercer
- Novibra
- others on request

Analogue modules

With 16 bit resolution available for:

- Voltage DC \pm 3 Volt
- Voltage DC \pm 5 Volt
- Voltage DC \pm 10 Volt
- Voltage DC 0-10 Volt
- Current 0 - 20 mA
- Current 4 - 20 mA
- others on request

Incremental modules

- Heidenhain Sinus 11 μ A (pp)
- Heidenhain 5 Volt TTL
- others on request