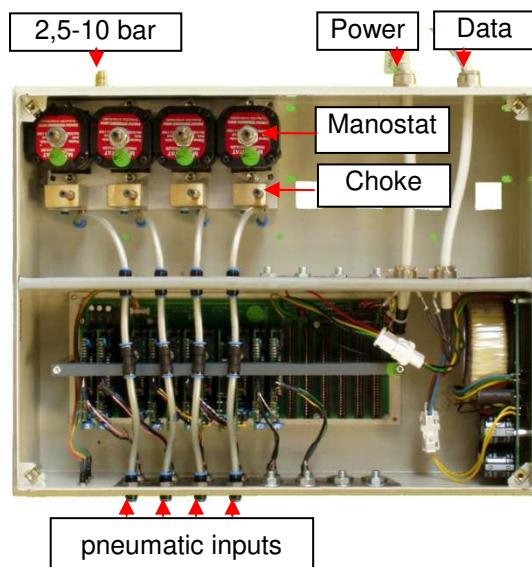


Description

MESAS tetra pneu is a modular interface box for attachment of pneumatic gauges:

- Multiprocessor powered for up to 8 input channels.
- Electro-pneumatic and analog-digital conversion per channel.



- The pneumatic gauge is connected directly to the interface.
- Digital filters eliminating air noise
- Up to 8 additional inputs for transducers available

The picture at the left shows the view into a MESAS tetra pneu with 4 pneumatic input channels.

Technical Data

Measuring range
Power

0 – 1 bar 0 – 2,5 bar 0 – 4 bar
110/240 V AC, 50-60Hz, 30 VA

Interface

Automatic adoption to existing voltage
MESAS standard io

Connector for compressed air input

12 mm coupler, **customer needs to provide filter**

Connector for measuring air

Quick connector for 3,4 or 6 mm

W x H x D

450 x 160 x (350 + 25) mm

Protection type

IP54

Transmission rate

16000 Values / sec.

Linearity of temperature / pressure

from -15°C to 70°C through piezo sensor technology

Environmental temperature

0-45 °C

Cables

1 power cord 1,5 m incl. filter plug, 1 data cable 2,5 m

The pressure of compressed air (input) has to be 0,7 bar higher than pressure of measuring air.
Maximum input pressure 10 bar.