

Description

MESAS digi pneu the modular system for air gauges

- Piezoelectric converter with A/D and RS 485 interface in every module
- Digital compensation of any main air supply fluctuation
- Reduced hardware components
- Voltage supply via Data interface
- Up to 32 Converters on each RS 485 channel
- Sealed IP 65 with Mounting top or bottom or DIN Rail
- Easy pressure setup
- Electronic min max calibration



Technical Data

| | | | |
|---|---|-------------|-----------|
| Pressure for air gauges: | | 0 – 2,5 bar | 0 – 4 bar |
| Supply voltage: | 4,5 – 40 VDC | | |
| Interface: | MESAS-RS-485 opt. Solartron Orbit | | |
| Main Air supply: | Quick connectors via manifold.* | | |
| Air gauge connect.: | Quick connectors for 3;4 or 6 mm tubing | | |
| dim (B x H x T): | 25,4 x 90 x 102 mm | | |
| Sealed: | IP65 | | |
| Data transmission rate: | 1000 read / sec. | | |
| Temperature- and pressure linearity: | From -15 °C to 70 °C | | |
| Ambient temperature: | 0-45 °C | | |
| Interface cable: | 1 Main 2,5 m to PC and add. Daisychain for add. modules | | |

*The input pressure must be 0,5 bar higher than the pressure for the air gauges.
Maximum pressure 8 bar